

23 East Main Street • P.O. Box 879 • Vernal, UT 84078 • 801-789-3714

June 26, 1985

JUL 0 1 1985

RECEIVED

DIVISION OF OR GAS & MINING

Moon Lake Water Assn. C/O Lynn R. Winterton P. O. Box 235 Roosevelt, Utah 84066

Sohis Petroleum

RE: Temporary Change 85-43-31

Gentlemen:

The above numbered Temporary Change Application has been approved, subject to prior rights.

A copy is herewith returned to you for your records and future reference.

Sincerely yours,

G. Blake Wahlen for Robert L. Morgan, P. E. State Engineer

RLM: GBW/1n

Enclosure

December 16, 1985

PENNZOIL Company
P.O. Drawer 1139
Denver, Colorado 80201
(303-832-6060) ATTN: Mr. Will Luna

State of Utah
Department of Natural Resources
Division of Oil, Gas and Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

RE: Hatch 2-3B1 Well -Permit-

Gentlemen:

Enclosed find the following:

- i) Triplicate copies of Application for Permit to Drill the Hatch 2-3B1 well, located in the $SE\frac{1}{4}NW\frac{1}{4}$ of Section 3, T2S, R1W, USM, Duchesne County, Utah.
- ii) Triplicate copies of survey plat.
- iii) Triplicate copies of well layout plat.
 - iv) Triplicate copies of BOP drawing.
 - v) Triplicate copies of 10 Point Well Prognosis.

You are further adivsed that your inspection team, comprised of Mr. Dan Jarvis and Mr. Jimmy Thompson conducted their formal onsite Wednesday, December 11, 1985, and in connection with this application and their report with regard to same should be on file with your office.

We request that this APD and all other information submitted relative to this well be held confidential for the maximum allowable period of time.

Please contact Will Luna of Pennzoil Company, should you require additional information.

Very truly yours, PENNZOIL Company

DSH/tp

ENCL

cc: W.L.

D. Scott Hays
Land Consultant



STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING

(Other insulations on reverse side)

5. Lease Designation and Serial No.

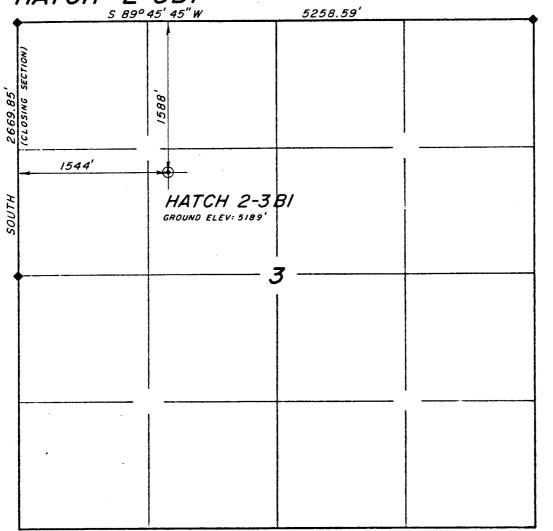
	Provided OF OIL;	SAS, AND MINING		FEE Land / ML 1391
APPLICATION	FOR PERMIT	O DRILL, DEEPE	N, OR PLUG BA	CK 6. If Indian, Allottee or Tribe Name
a. Type of Work DRIL b. Type of Well	l 🕅	DEEPEN	PLUG BACK	7. Unit Agreement Name
Oil Ga	s Other		Single X Multiple Zone Zone	8. Farm or Lease Name HATCH
Name of Operator Pennzoil	Explor. and Pro	d. Company		9. Well No.
. Address of Operator			80201-1139	2-3B1
		Denver, CO	requirements.*)	- Wasatch Bluebell
At surface 1588'	FNL & 1544 FWL		SENW	11. Sec., T., R., M., or Blk. and Survey or Area
At proposed prod. zone	Same			Sec. 3, T2S, R1W
	direction from nearest to			12. County or Parrish 13. State Duchesne Utah
Three (3) so	uth to Roosevel		o. of acres in lease	. No. of acres assigned
location to nearest	1944	10. 14	640	to this well 640
property or lease line, (Also to nearest drig. 3. Distance from propose to nearest well, drillin	d location-	19. P	roposed depth 20	. Rotary or cable tools
or applied for, on this	lease, ft. 2435		13,500'	Rotary
1. Elevations (Show whet 5189 GR (V	22. Approx. date work will start* Dec. 31, 1985
3. 3. Grant (ung ucca)	PROPOSED CASING ANI	CEMENTING PROGRAM	
Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
12 1/4	9 5/8	36	2500'	1500 ft3
8 3/4	7	26 & 29 18	10,700' 10,500/13,500	2000 ft3)' 200 ft3
A. The form 1. 2. 3. 4. 5.	Certified Loc Drilling Plan BOP Schematic Map showing r Schematic sho a. Rig Lay	i : roadway to propo	sed wellsite.	DIV. OF OIL, GAS & MINIRG
N ABOVE SPACE DES	CRIBE PROPOSED PROG	RAM: If proposal is to dictionally, give pertinent da	gepen or plug back, give data ta on subsurface locations and	on present productive zone and proposed new productive and true vertical depths. Give blowout
Signed Wilbi (This space for Feders				uperintendent. 12-12-85
			OF	OVED BY THE STATE UTAH DIVISION OF GAS, AL PANYINING 12/24/65
		*See Instructions	On Reverse Side WELL	SPACING: 139-42 4/17/85

PENNZOIL SOMPANY WELL LOCATION PLAT HATCH 2-3BI

LOCATED I E SEA OF THE NWA OF

SECTION 3, T2S, R1W, U.S.B.&M.

state's copy



H A STATE OF THE S

SCALE: 1"=1000'

LEGEND & NOTES

◆ CORNERS FOUND OR RE-ESTABLISHED AND USED BY THIS SURVEY.

THE GENERAL LAND OFFICE PLAT WAS USED FOR REFERENCE AND CALCULATIONS.

SURVEYOR'S CERTIFICATE

I hereby certify that this plat was prepared from field notes of an actual survey performed by me, during which the shown monuments were found or established.

> Jerry D. Allred, Registered Land Surveyor, Cert. No. 3817 (Utah)



JERRY D. ALLRED & ASSOCIATES

Surveying & Engineering Consultants

121 North Center Street P.O. Drawer C DUCHESNE, UTAH 84021 (801) 738-5352

ONSITE PREDRILL INSPECTION FORM

COMP	ANY	PENZC	IL		WE	LL NO	НАТ	CH #2-3	B1		
LOCA	TION:	SECTIO	N <u>3</u>	TOWNSHIP	2S	RANGE _	<u>1W</u>	COUNTY _	DUCHESN	E	
LEAS	SE NO.				ONSITE	INSPECT	ION D	ATE	11/85		
(A)	PERSOI DØN	NS IN AT LANDIS	TENDANCI - PEN	E <u>JERRY</u> ZOIL, JIM	ALLR	ED - SU	JRVEY	OR N JARVI	S - DOGM	I	
		CE FORMA		D CHARACTER	RISTICS	DUC!	HESNE	RIVER	SAND-SIL	T and	CLAY
(C)	BRIEF	DESCRIP	TION OF	VEGETATION	١	PASTUR	E LAI	ND			
(D)	ARCHA	EOLOGICA	L CLEAR	ANCE: YES	OR NO	N/A		_			
	FLAT		SLIGHT	RAPHY (dra: SLOPE TO		•					
	PIT		(YES OR	VAL: NO) <u>SEX</u> NEEDED	X DD X T	TANKI)	(e)	KENENE.	<u> </u>	-	
NOT:	IFICA	ATION T	o this	1 CULVEI DIVISION The pit Made as	when hee	LLOCAT Leds to Le fin	ion i	is compi linea inspect	CETED.	be Da	fy
			\bigcirc								

DRILLING PLAN

OPERATOR:

Pennzoil Company

WELL:

HATCH No. 2-3B1

WELL LOCATION: 1588' FNL & 1544' FWL

SENW Section 3, T2S, R1W

Duchesne County, Utah

1. ESTIMATED TOPS OF IMPORTANT GEOLOGICAL FORMATIONS:

at surface (surface formation) Duchesne River Green River 6,370' 7,5241 MB 8,684' Н Ι 9,189' K 9,462' 9,764' CP90 TAP Hi 10,530' (transition zone) 11,566' CP210 CP232 12,270' Total Depth 13,500'

2. ESTIMATED OIL & WATER DEPTHS:

Water: None anticipated

Top Green River production oil @ 7,678' Top Wasatch production oil @ 11,232'

PROPOSED CASING PROGRAM:

- 16" conductor to be set and cemented at a proposed depth Α. of 100'.
- 9 5/8", 36#, K-55, ST&C to be set and cemented at a В. proposed depth of 2,500'. Cement: Low density filler cement to surface. Tail-in with 250 sks C1 "H" tailored for depth and temperature.
- 7", 26 & 29#, S-95, LT&C to be set and cemented at a С. proposed depth of 10,700', in the transition zone. Cement: Low density filler cement to surface. Tail-in with C1 "H" tailored to depth & temperature.
- 5", 18#, P-110, flush jt. liner to be set and cemented D. (proposed) from 10,500' to 13,500'. Cement: C1 "H" tailored to depth & temperature.

4. OPERATOR'S PRESSURE CONTROL PLAN:

Figure No. 1 is a schematic of the BOP equipment.

The BOP equipment will be nippled up on the surface casing and pressure tested prior to drilling out:

- A. All rams and choke manifold will be tested to 70% of burst of last casing string run or 3500 psi (70% of 5,000 psi BOP stack).
- B. Bag preventor will be tested to 70% of burst of last casing string run or 2500 psi (50% of 5000 psi Bag Preventor).

Record all BOP tests on tour reports.

Retest BOP stack every 28 days.

Before drilling out test casing strings to 0.2 psi per foot of depth or 1,000 psi whichever is the greatest.

Fill-up line above the Bag Type Preventor.

Kill line located below the BOP rams.

Operational Checks:

Pipe rams will be closed and opened once each 24 hours.

Blind rams will be closed and opened each time the drill string is pulled from the wellbore.

Auxiliary well control and monitoring equipment:

- A. Upper and lower kelly cocks will be utilized.
- B. A full-opening drill pipe stabbing valve with proper drill pipe fittings will be utilized when the kelly is not on the string.
- C. PVT equipment will be used to monitor the mud system.

5. PROPOSED DRILLING FLUID PROGRAM:

- A. Surface hole: Drill this interval of the wellbore (conductor pipe to 2,500') with clear fresh water. Drill solids will be flocculated to keep the water as clean as possible. Lime & benonite will be used as needed.
- B. Intermediate hole: (2,500-10,700') Start drilling this interval with water from the surface hole. Use viscous sweeps to keep the wellbore clean and a flocculant to keep the water clean. Should a Trona water flow be encountered, it will be killed and drilling will continue. When wellbore conditions dictate (tight hole, bridging & etc.) mud up with a low solids, non-dispersed drilling fluid. Final fluid properties: 9.5/10.5#, 35/45 Vis, 10/12 WL.
- C. For the 6" wellbore (productive interval) a weighted, deflocculated mud system will be used. The viscosity and mud weight will be maintained at low but safe levels. The yield point will be high enough to support barite as needed for the required fluid weight. The water loss should be 10-15 cc for formation protection. Final fluid properties: 12.5/14.0#, 35 to 50 Vis, YP 12/15.

WELLBORE EVALUATION:

- A. DRILL STEM TESTING: None planned.
- B. CORING: None planned.
- C. LOGGING:

Surface Hole: None

Intermediate Hole: DIL-GR

BHC-Sonic

FDC

Wasatch Hole: DIL-GR

BHC-Sonic

FDC-

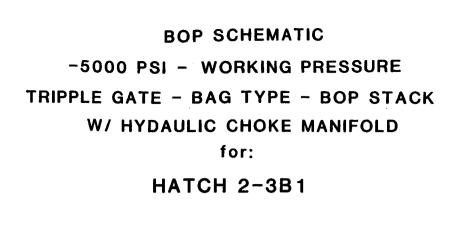
VDL-

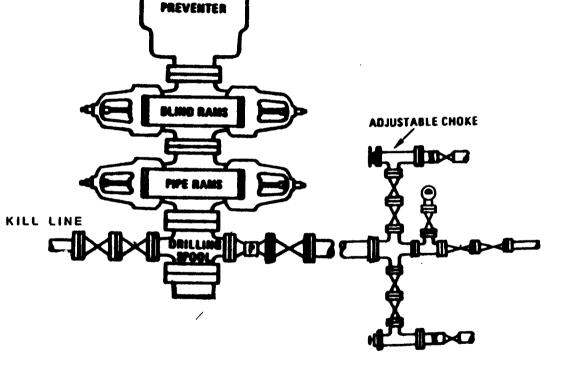
D. COMPLETION: The objective formation is the Wasatch. Selected zones will be perforated and evaluated for stimulation work.

7. PRESSURES and TEMPERATURE

- A. PRESSURE:
 - At the (proposed 10,700') intermediate casing seat the mud weight will probably be 10.5# and the formation pressure 5,400 psi ±.
 - At total depth (proposed @ 13,500') the mud weight may be 14.0# and formation pressure 7,200 psi ±.
- B. TEMPERATURE:
 - Temperatures are normal for this area and well depth, 230° at 13,500'.
- 8. ANTICIPATED STARTING DATE

 Construction of road and location will start within five (5) to twenty (20) days after the permit is approved.
- 9. This well will be drilled per regulations as set forth by the:
 State of Utah Natural Resource
 Oil, Gas & Mining Division



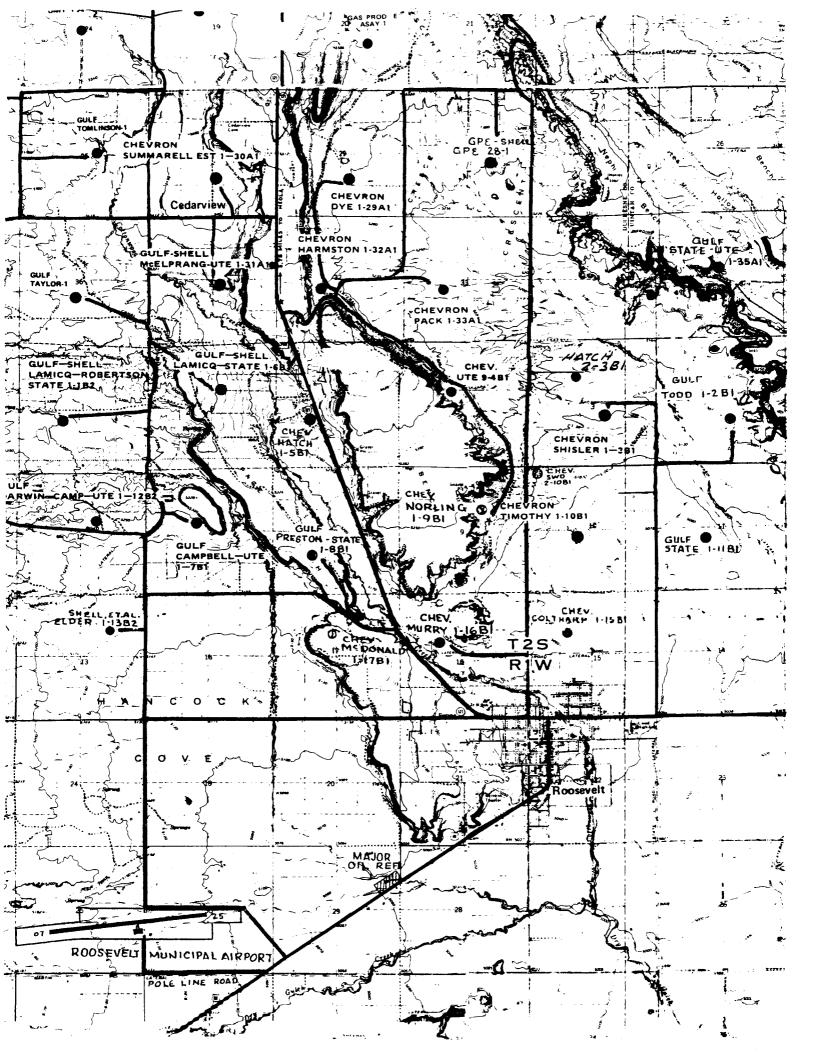


FLOW LINE

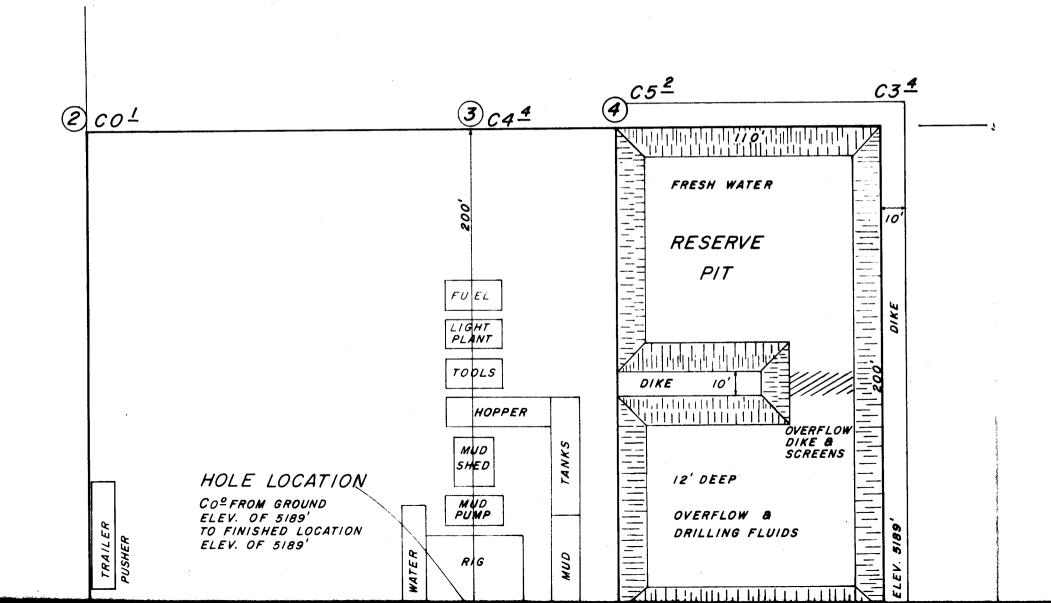
FILL-UP LINE

BOP Stack

CHOKE MANIFOLD



PENNZOIL (WELL LAYOU HATCH 2-

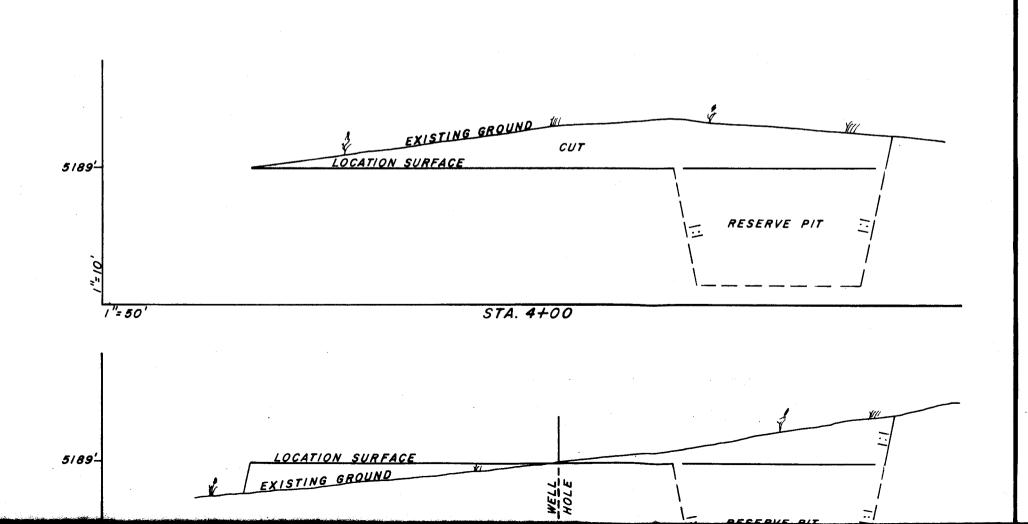


COMPANY

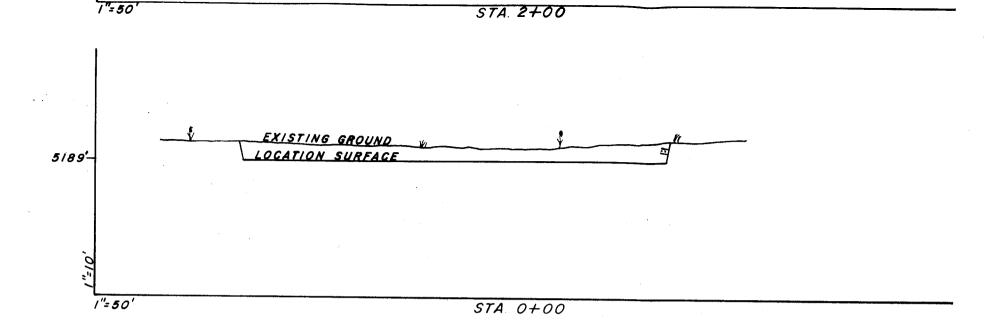
LOCATED IN THE SE% OF THE NW% OF SECTION 3, T2S, R1W, U.S.B.&M.



3B1



EXISTING ROAD



APPROXIMATE QUANTITIES

CUT: 15,140 Cu. Yds.

FILL: 1,450 Cu. Yds.



JERRY D. ALLRED & ASSOCIATES Surveying & Engineering Consultants

121 North Center Street P.O. Drawer C DUCHESNE, UTAH 84021 (801) 738-5352

CONTIDENTIAL

OPERATOR tennsoil Exploration	DATE 12-16-85
WELL NAME Hotel 2-381	
SEC SENW 3 T 25 R KW	COUNTY Durhum
43-0/3-3/147 API NUMBER	TYPE OF LEASE
CHECK OFF: PLAT PLAT BOND	NEAREST WELL
LEASE FIEL	D POTASH OR OIL SHALE
PROCESSING COMMENTS:	Vresite (De
Water or - Curry Leasing and Worked approval from Guil Prince for ap	43-9673 verstor to drill 12/24/85
APPROVAL LETTER:	
SPACING: 203 UNIT	302
139-42 4/17/85 CAUSE NO. & DATE	302.1
STIPULATIONS:	
	1
	

Form	ı	11	8	61	-28

APPLICATION NO	85-	43	49
DISTRIBUTION SYSTEM			

Application For Temporary Change of Point of Diversion, Place or Purpose of Use STATE OF UTAH

(To Be Filed in Duplicate)

	Vern				, 19	
For the purpose of obtaining	Place permission to temporarily			Date sion, place	or purpose	e of use
			(Strike out writt			
f water, the right to the use of wh	(Give IV	o. or application,	title and date of			
o that hereinafter described, applicts, submitted in accordance with	h the requirements of the La	ws of Utah.				
The owner of right or application						
. The name of the person making	g this application is Verk	FOO Wort	Vonna 1 II			
The post office address of the ap	pplicant is 2231 30 • 13	oud west,	vernat, o	Lan 340	<i>)</i> / 3,	
	PAST USE OI	F WATER				
The flow of water which has been						
The quantity of water which ha						
The water has been used each y	(Month)	(Day)	(Month)	•	(Day)	
. The water has been stored each	(Month)	(Day)	(Month)		(Day)	
The direct source of supply is	Uinta River	in	Uintah			County.
The water has been diverted int Sec. 8, TIN,RIW,USB&M	Canal	ditch at a	point located.	N40 ⁰ E	309 ft.	from N
	1.6 C.D					
. The water involved has been use						
TE: If for irrigation, give legal subdiv			Total			
TE: If for irrigation, give legal subdiv	visions of band and total acreage v	which has been is	Totalrigated. If for o	ther purpses	s, give	
TE: If for irrigation, give legal subdive place and purpose of use. THE FOLLOW	WING TEMPORARY	which has been is	Totalrrigated. If for o	ther purpses	s, give	
TE: If for irrigation, give legal subdivelace and purpose of use. THE FOLLOVE The flow of water to be changed.	wisions of band and total acreage wing TEMPORARY	which has been is	Totalrrigated. If for o	ther purpses	s, give	
OTE: If for irrigation, give legal subdives place and purpose of use. THE FOLLOW The flow of water to be changed. The quantity of water to be charged.	WING TEMPORARY In cubic feet per second is	which has been in CHANGES	Totalrrigated. If for o	ther purpses	s, give	acres.
TE: If for irrigation, give legal subdivelegate place and purpose of use. THE FOLLOVE The flow of water to be changed The quantity of water to be changed. The water will be diverted into the changes.	WING TEMPORARY I in cubic feet per second is nged in acre-feet is10,0 thepipeline	which has been in CHANGES	Total	ther purpses PPOSED S.2640	s, give	acres.
THE FOLLOW The flow of water to be changed The quantity of water to be changed The water will be diverted into the from the N ¹ / ₄ Con. Sec.	WING TEMPORARY I in cubic feet per second is nged in acre-feet is	which has been in CHANGES O ditch at a canal	Totalrrigated. If for o	DPOSED	s, give	660 ft.
OTE: If for irrigation, give legal subdiventation place and purpose of use. THE FOLLOW The flow of water to be changed. The quantity of water to be changed. The water will be diverted into the from the N½ Cor. Sec.	wisions of band and total acreage with wing TEMPORARY in cubic feet per second is aged in acre-feet is 10.0 the pipeline 3, T2S,RlW,USB&M	which has been in CHANGES O ditch at a canal	Totalrrigated. If for o	ther purpses DPOSED S.2640	s, give	660 ft.
TE: If for irrigation, give legal subdiver place and purpose of use. THE FOLLOW The flow of water to be changed. The quantity of water to be changed. The water will be diverted into the from the N1/4 Cor. Sec The change will be made from	WING TEMPORARY In cubic feet per second is nged in acre-feet is 10.0 the pipeline 3, T2S,RIW,USB&M Dec. 20	which has been in CHANGES O ditch at a canal	Total rrigated. If for of ARE PRO	ther purpses DPOSED S.2640	s, give) ft. E.	660 ft.
TE: If for irrigation, give legal subdiver place and purpose of use. THE FOLLOW The flow of water to be changed. The quantity of water to be changed. The water will be diverted into the from the N½ Cor. Sec The change will be made from	WING TEMPORARY In cubic feet per second is nged in acre-feet is 10.0 the pipeline 3, T2S,RIW,USB&M Dec. 20 (Period Used for oil we)	which has been in CHANGES O ditch at a canal 1985, to dimust not exceed 11 drillin	Total rrigated. If for o ARE PRO point located Dec Apr. d one year) ng and com	S.2640) ft. E.	660 ft.
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The flow of water to be changed. The water will be made from The change will be made from The reasons for the change are The water involved is to be used.	WING TEMPORARY I in cubic feet per second is nged in acre-feet is 10,0 the pipeline 3, T2S,RIW,USB&M Dec. 20 Used for oil we (List y) I for the following purpose: in Sec. 3, T2S,RIW	which has been in CHANGES O ditch at a canal 1985 to d must not exceed 11 drilling changed years change has Drilling USB&M	Total	DPOSED S.2640 15 pletion ars prior tetion o	of the	660 ft.
The flow of water to be changed. The water will be made from The change will be made from The reasons for the change are The water involved is to be used.	WING TEMPORARY I in cubic feet per second is nged in acre-feet is 10.0 the pipeline 3, T2S,RIW,USB&M Dec. 20 Used for oil we Clist y I for the following purpose: in Sec. 3, T2S,RIW	which has been in CHANGES O ditch at a canal 19 85 to dimust not excee 11 drillin changed prilling USB&M	Total	DPOSED S.2640 15 pletion ars prior tetion o	of the	660 ft.
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THE FOLLOW THE FOLLOW The flow of water to be changed The quantity of water to be changed The water will be diverted into the from the Na Cor. Sec. The change will be made from the reasons for the change are. The water involved herein has be that the change are the water involved is to be used that the 2-3-Bl Oil well.	WING TEMPORARY I in cubic feet per second is nged in acre-feet is 10.0 the pipeline 3, T2S,RIW,USB&M Dec. 20 Used for oil we Clast y I for the following purpose: in Sec. 3, T2S,RIW	which has been in CHANGES O ditch at a canal 19 85 to dimust not exceed a drilling changed pears change has Drilling USB&M for other purpose FORY	Total rrigated. If for on ARE PRO point located point loc	ther purpses DPOSED S.2640 15 pletion ears prior teleprose of) ft. E. 19 10 15 16 this apple 17 18 19 19 10 10 10 10 10 10 10 10	660 ft. 86 lication acres.

RULES AND REGULATIONS

(Read Carefully)

This application blank is to be used only for temporary change of point of diversion, place or nature of use for a definitely fixed period not to exceed one year. If a permanent change is desired, request proper application blanks from the State Engineer.

Application for temporary change must be filed in duplicate, accompanied by a filing fee of \$5.00. Where the water affected is under supervision of a Water Commissioner, appointed by the State Engineer, time will be saved if the Application is filed with the Commissioner, who will promptly investigate the proposed change and forward both copies with filing fee and his report to the State Engineer. Applications filed directly with the State Engineer will be mailed to the Water Commissioner for investigation and report. If there be no Water Commissioner on the source, the Application must be filed with the State Engineer.

When the State Engineer finds that the change will not impair the rights of others he will authorize the change to be made. If he shall find, either by his own investigation or otherwise, that the change sought might impair existing rights he shall give notice to persons whose rights might be affected and shall give them opportunity to be heard before acting upon the Application. Such notice shall be given five days before the hearing either by regular mail or by one publication in a newspaper. Before making an investigation or giving notice the State Engineer will require the applicant to deposit a sum of money sufficient to pay the expenses thereof.

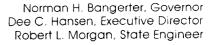
Address all communications to:
State Engineer
State Capitol Building
Salt Lake City, Utah

STATE ENGINEER'S ENDORSEMENTS

(Not to be filled in by applicant)

	Change Application No,
	(River System)
1.	Application received by Water Commissioner (Name of Commissioner)
	Recommendation of Commissioner
2.	13-30-85 Application received by mail in State Engineer's Office by
3.	Fee for filing application, \$7.50, received by; Rec. No.
.4	Application returned, with letter, to, for correction
5.	
6.	Fee for investigation requested \$
7.	Fee for investigation \$, received by Rec. No.
8.	Investigation made by; Recommendations:
9.	Fee for giving notice requested \$.
	Fee for giving notice \$, received by Rec. No
	Application approved for advertising by publication by
	Notice published in
13.	
	Change application protested by(Date Received and Name)
ıä.	
	Application recommended for approval by
7. 1	12/23/85 Change Application rejected and returned to
,	approved and returned to
_	/ /
Т	HIS APPLICATION IS APPROVED SUBJECT TO THE FOLLOWING CONDITIONS:
1.	
2.	
3.	

State Engineer





Eastern Area • State/County Building • 152 E. 100 North • Vernal, UT 84078-2110 • 801-789-3714

December 23, 1985

RECEIVED

JAN 0 3 1986

DIVISIUM OF OIL GAS & MINING

Mr. Derk Price 2231 South 1500 West Vernal, Utah 84078

RE: Temporary Change 85-43-49

Dear Mr. Price:

Penngal

The above numbered Temporary Change Application has been approved, subject to prior rights.

A copy is herewith returned to you for your records and future reference.

Sincerely yours,

YAllen K. Nielsen

for Robert L. Morgan, P. E.

RLM: AKN/1n

Enclosure





355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

December 24, 1985

Pennzoil Exploration and Production Company P. O. Drawer 1139 Denver, Colorado 80201-1139

Gentlemen:

Re: Well No. Hatch 2-3Bl - SE NW Sec. 3, T. 2S, R. 1W 1588' FNL, 1544' FWL - Duchesne County, Utah

Approval to drill the above-referenced well is hereby granted in accordance with the Order of Cause No. 139-42 dated April 17, 1985.

In addition, the following actions are necessary to fully comply with this approval:

- Spudding notification to the Division within 24 hours after drilling operations commence.
- Submittal to the Division of completed Form OGC-8-X, Report of Water Encountered During Drilling.
- 3. Prompt notification to the Division should you determine that it is necessary to plug and abandon this well. Notify John R. Baza, Petroleum Engineer, (Office) (801) 538-5340, (Home) 298-7695, or R. J. Firth, Associate Director, (Home) 571-6068.
- Compliance with the requirements and regulations of Rule 311.3, Associated Gas Flaring, General Rules.
- 5. This approval shall expire one (1) year after date of issuance unless substantial and continuous operation is underway or an application for an extension is made prior to the approval expiration date.

The API number assigned to this well is 43-013-31147.

Sincerely

Associate Director, Oil & Gas

as Enclosures

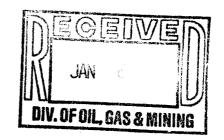
cc: Branch of Fluid Minerals State Lands Dianne R. Nielson

PENNZOIL EXPLORATION AND PRODUCTION COMPANY

P.O. DRAWER 1139 • DENVER, COLORADO 80201-1139 • (303) 832-6060

January 3, 1986

State of Utah Natural Resources Oil, Gas and Mining Division 355 W. North Temple 3 Triad Center, Suite 350 Salt Lake City, UT 84180-1203



Re: Change in Plans for API No. 43-013-31147 Well: Hatch No. 2-3B1 SENW Sec. 3, T2S, R1W Duchesne County, UT

Gentlemen:

Enclosed please find four (4) originals of Form OGC-16 "SUNDRY NOTICES and REPORTS on WELLS" for a change in casing program on captined well.

Should there be any questions, please contact the undersigned.

Sincerely,

PENNZOIL EXPLORATION AND PRODUCTION COMPANY

Wilburn L. Luna

District Drilling Superintendent

WLL/ak

Enclosures: 4

DEPARTM	STATE OF OTAH	URCES NING		5. LEASE DESIGNATION Fee Land ML=1:	
Use "APPLICA	CES AND REPORTS (als to drill or to deepen or plug to the for PERMIT—" for such p	ON WELLS back to a different reservoir. reposals,)		6. IF INDIAN, ALLOTTE	OR TRIBE NAME
OIL A JAS WELL OTHER	U	EGEIME	M	7. UNIT AGREEMENT NA	M B
2. NAME OF OFFEATOR Pennzoil Exploration and	Production Company	JAN 6		8. FARM OR LEASE NAM Hatch	18
P. O. Drawer 1139, Denve		N OF CHANGE AND A SHARE	丌	9. WELL NO. 2-3B1	
4. LOCATION OF WELL (Report location of See also space 17 below.) At surface		ISAN AND BUILDING MINING	ゴ	Bluebell	
1588' FNL & 1544	' FWL			11. aBC., T., B., M., OR B SURVEY OR ABBA SENW, Sec. 3,	
14. PERMIT NO. API #43-013-31147	5789' GR (ungraded)	, RT, GR, etc.)		Duchesne	18. STATE Utah
d. Check Ap	propriate Box To Indicate N	lature of Notice, Report,	or O	ther Data	
		401	##QU	BHT REPORT OF:	
	OR AT	WATER SHUT-OFF FRACTURE TREATMENT		REPAIRING W ALTERING CA	

	ACTION	
Nous		
NAME	CODE(S)	INTL
NORM		13
TAMI		7
VICKY		
CLAUDIA		
STEPHANE		
CHARLES		
RULA		
MARY ALICE		
CONNIE		
MILLIE		
PAM	FILE	

Required Action Code

1. Data Entry

- 2. Filming
- Posting 3.
 - a. Card Index
 - b. File Label
 - c. Lists
- Bonding Verification Other (See Norm)
- 5.

803	SEQUENT R	SPORT OF:	
WATER SHUT-OFF		REPAIRING WELL	
FRACTURE TREATMENT		ALTERING CASING	_
SHOUTING OR ACIDIZING		abandonment*	<u>_</u>
(Other)			-!_
(Nots: Report res	ults of mu muletion	itiple completion on We Report and Log form.)	111

int details, and give pertinent dates, including estimated date of starting any ations and measured and true vertical depths for all markers and zones perti-

in a 12 1/4" wellbore @ 2500' e casing in an 8 3/4" wellbore @ 10,700' ore @ 10,500'/13,500'

	Setting Depth	Volume of Cement
ער	2,650'	1800 ft ³
7#	10,250' 10,000'/13,500'	1800 ft ³ 2000 ft ³ 250 ft ³

is time.

OF UTAH	BY THE STATE DIVISION OF AND MINING
DATE 1-6- BY: John A.	Bla Dur
trict Drilling Superinter	ndenatra 1-2-86

Wilburn L. Luna	strict Drilling Superinten	deats 1-2-86
(This space for Federal or State office use)		
APPROVED BY	TITLE	DATE

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES

SUBM	ij	TRIPLIC	$\Lambda\Pi^{\pm}$
		tructions	
TE	W. 6	mr - 11 1 1	

		MENT OF NATURAL R ON OF OIL, GAS, AND		La Lease Miller H		d ME=139	10 BERIAL NO.
SUN (Do not use this	IDRY NOT	ICES AND REPORT	TS ON WELL	S ent reservair.	6. IF INDIAS	M, ALLOTTES (DE TRIBE NAME
OIL X UAB	OTHER		UEGE		7. UNIT AGE	SEMBNY HAM!	1
2. NAME OF OPERATOR		Production Compa	PAT JAN	(i)	8. FARM OR Hatc	LEASE NAME	
3. ADDRESS OF OFBRATOI P. O. Drawer 1	139. Denve	r, CO 80201	JAIV		9. WELL NO.		
	Report location c	learly and in accordance with	.DIV.OF.QUG	BAMINING	1	ND POOL, OR	WILDCAT
At surface	FNL & 1544	· FWL			#UBV1	ec. 3, T	
14. PERMIT NO. API #43-013-311	47	18. REVATIONS (Show whet 5789' GR (ungrad			12. courts Duchesn	•	18. erars Utah
16.	Check A	opropriate Box To Indica	ate Nature of No		•		
TEST WATER SEUT-OF FRACTURE TREAT SMOOT OR ACIDIZE REPAIR WELL (Other)		PULL OR ALTER CASING MULTIPLE COMPLETE ABANDON* CHANGE PLANS	FRACTU SHOUT! (Other)	SHUT-OFF RE TREATMENT NG OR ACIDIZING	of multiple s	EPAIRING WE	Well
proposed work. It nent to this work.)	9 5/8",	36# surface casi	ng in a 12 1,	/4" wellbore	@ 2500 '		•
	5", 18#	liner in a 6" we	llbore @ 10,	500'/13,500'			
B. To the foll	-	• •					
Hole Size	Csg. Size			Setting De	pth		of Cement
14 3/4" 9 7/8" 6 3/4"	10 3/4" 7 5/8" 5 1/2"	45.5 29.7 & 3 20#	3.7#	2,650' 10,250' 10,000'/13,	500'	20	300 ft ³ 300 ft ³ 250 ft ³
C. Thère are f	urther cha	nges in plans at	this time.				
			D B	APPROVEI OF UTA OJL, GAS YATE:	H DIVIS	ION OF	:
81GNED Wilbur	lower &		District Dri	/ Superin	tendent	ر 1-2-86	
(This space for Fed	ieral or State of	TITLE			DATE		



DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION API #43-013-31147

NAME OF CO	MPANY:	PENN	ZOIL	 		
WELL NAME:		НАТС	H 2-3B1	 		
		Township				
DRILLING C	CONTRACT	TOR	Parker	 		
RIG # <u>163</u>						
SPUDDED:	Date_	1-12-86	-			
	TIME_	3:45 PM				
	How	Rotary	-			
DRILLING W	VILL COM	MENCE				
REPORTED E	BY	Don	Laudes			
TELEPHONE	# #	722-	5619			
			•			
DATE		1-16-86		SIGNED	SB	

STATE OF UTAH DIVISION OF OIL, GA AND MINING

BLOW OUT PREVENTION TEST

PRILLING CORI	•	! Dulling	COUNTT:_	•
BOP IESI:	DATE: 1/19/86 TIME: 2 PM DRILLING: 2my-2	·		
	H ₂ S:	·	•	
	•			
	·			
			•	
REPORTED E	84: <u>Shane McCo</u> NO. (801) 781-04	une (DA	Ernterpre	24.5)
	1/20/86			

All

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING 4241 State Office Building Salt Lake City, UT 84114

RECEIVED

JAN 27 19

DIVISION OF U.

REPORT OF WATER ENCOUNTERED DURING DRILLING

Well Name & Number Hatc	-6 2-3B1		
Operator Penn zoil Con Contractor Parker Dylg	n Pany Address	P.O. Box 290 Ne	=0 ka . U T
Contractor Parker Dylg	<u> </u>	P.O. Box 1030 Mills	84053
Location SE 1/4 NW 1/4	Sec. 3 T. 25	R. $/\omega$ County $\int 0$	Lesne
Water Sands			
Depth	Volume	Quality	
From To	Flow Rate or Head	Fresh or Salty	200541
1. <u>2445</u> Ft	35 BB/s per	Hr- Fresh	Distance!
2	/		
3			
4			
5(Continue o	on reverse side if ne	cessary)	
Formation Tops			
Remarks Killed water	Flow with	12.5 P.P.G. mud.	
NOTE: (a) Report on this for and Regulations a	orm as provided for in and Rules of Practice	n Rule C-20, General Rules and Procedure.	3

(b) If a water analysis has been made of the above reported zone, please forward a copy along with this form.

RECEIVED

DOUBLE "D" ENTERPRISES

Utah 6

JAN 2 3 1986

B.O.P. Test Report

DIVIDIUM OF OIL
GAS & MINING

B.O.P. TEST PERFORMED ON (DATE)
B.O.P. TEST PERFORMED ON (DATE)
OIL CO: PUNZZOI
WELL NAME & NUMBER Hatch 2-3-B-1
section3
TOWNSHIP
PANGE 1 - W
Duche END Utah
DRILLING CONTRACTOR Parker Drilling Co. # 163
INVOICES BILLED FROM: DOUBLE "D" ENTERPRISES, INC. 213 Pine Street - Box 560 Shoshoni, Wyoming 82649 Phone: (307) 876-2308 or (307) 876-2234 URNAL, UTAL
TESTED BY: DOUBLE "D" ENTERPRISES, INC. 712 Morse Lee Street Evanston, Wyoming 82930 Phone: (307) 789-9213 or (307) 789-9214 # 0424
Phone: (307) 789-9213 or (307) 789-9214 OIL CO. SITE REPRESENTATIVE # 0424 OIL CO. SITE REPRESENTATIVE # 0425
RIG TOOL PUSHER RAYTORD KING E BOD LUCKE
TESTED OUT OF Verval, Utah
NOTIFIED PRIOR TO TEST: B. L. M. & Utah Oil & Gas
COPIES OF THIS TEST REPORT SENT COPIES TO: B.L. M - Vernal
U+ah 0 & 6 - 5, L, C,
Penzzoil Site Rep & office
Parker Site Rep & office
1) OR Nal, Utah OFFICE

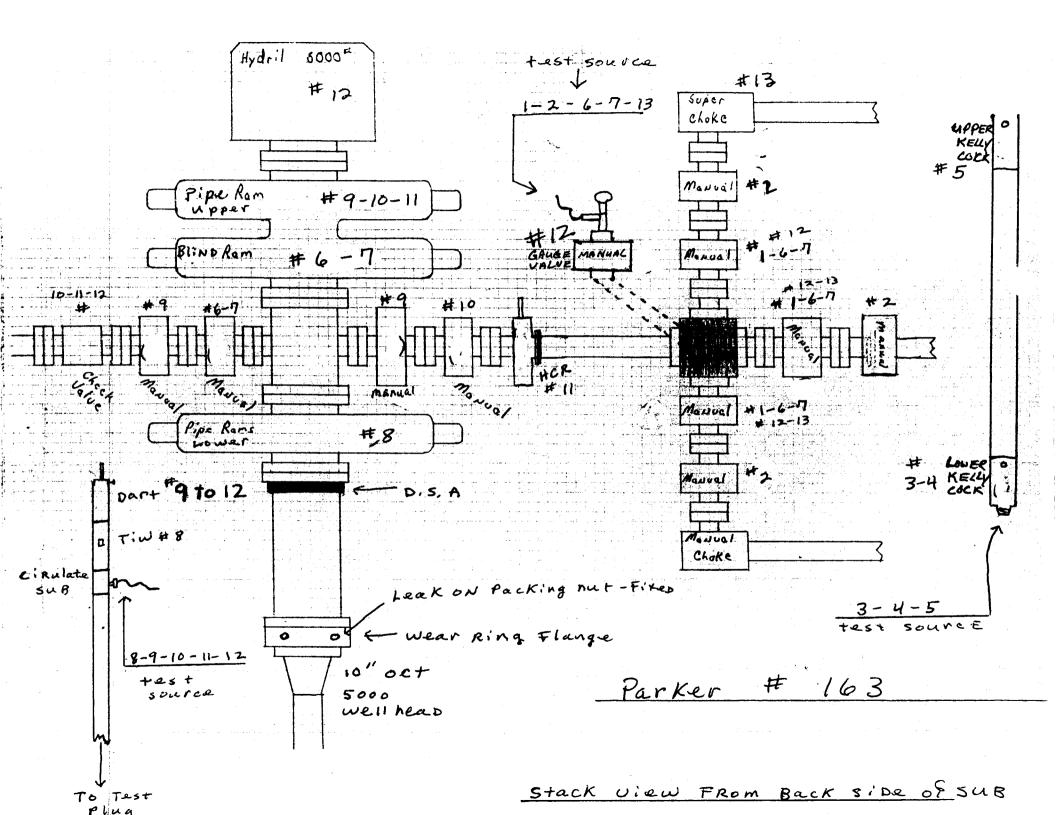
					= 10-8 ² № 4114
ate /-/9-	-86				
perator PEN	220/L	Goz., Can		er lang!	. Co. Rig No. 163
dered By Ray	0/2 6 2	Marie .	11-1-11	No.	11No. 2-3-8-/
ounty Duck		· 大大大大大大大大大大大大大大大大大大大大大大大大大大大大大大大大大大大大			-S Range /W
ems Tested:			filen teet	Time Hold	Comments
	Low Test	time Held	5000	15 min	OK
p Pipe Rams			5000	15 mid	OK
tom Pipe Rams	. <u> </u>		5000	15 min	OK
nd Rams		The second second	2500	75 L.W	Hed to work - OK
mualar B.O.P.	migration programme and the second		5000	15 HILL	OK
oke Manifold	1.2 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.		e and the second	IE MIN	OK
oke Line		Annual Control	5000		OK
l Line	-	er and a man space design	and the second second	15 mix	OK
per Choke		<u></u>	5000	15 min	OK
per Kelly		- <u> </u>	5000	1Cmil	WAR DECEMBER 1
wer Kelly			3000		1. W
oor Valve			_5000_		ok or
ort Valve		-		A STATE OF	OK
osina Unit Pili S					no Time of Hydril 32 Sec
osed Casing Hea d			Control of the		Ket on Location

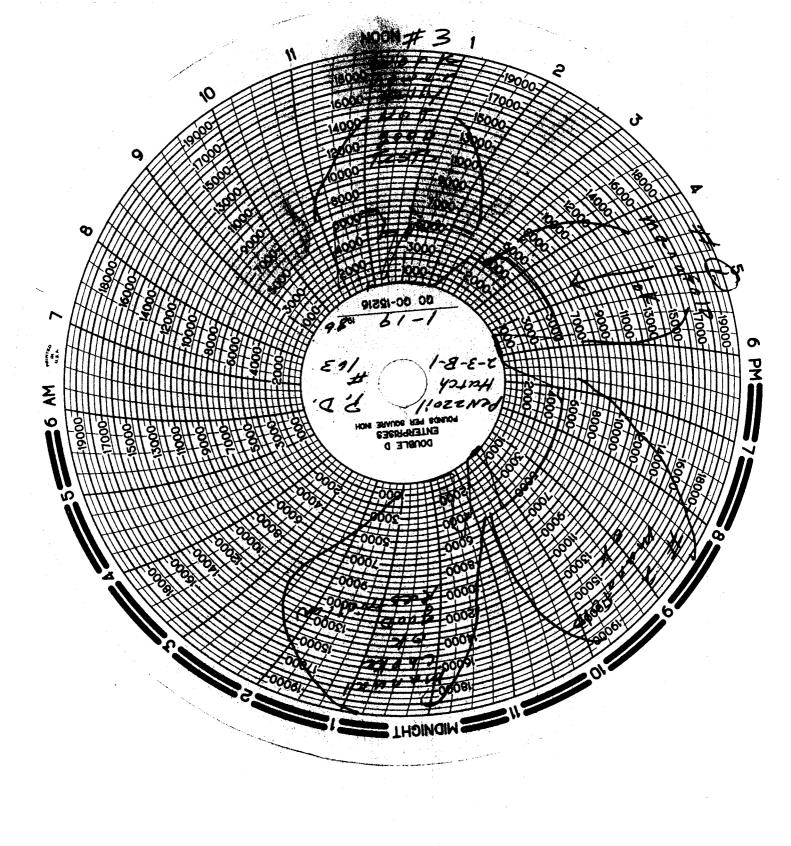
Comments

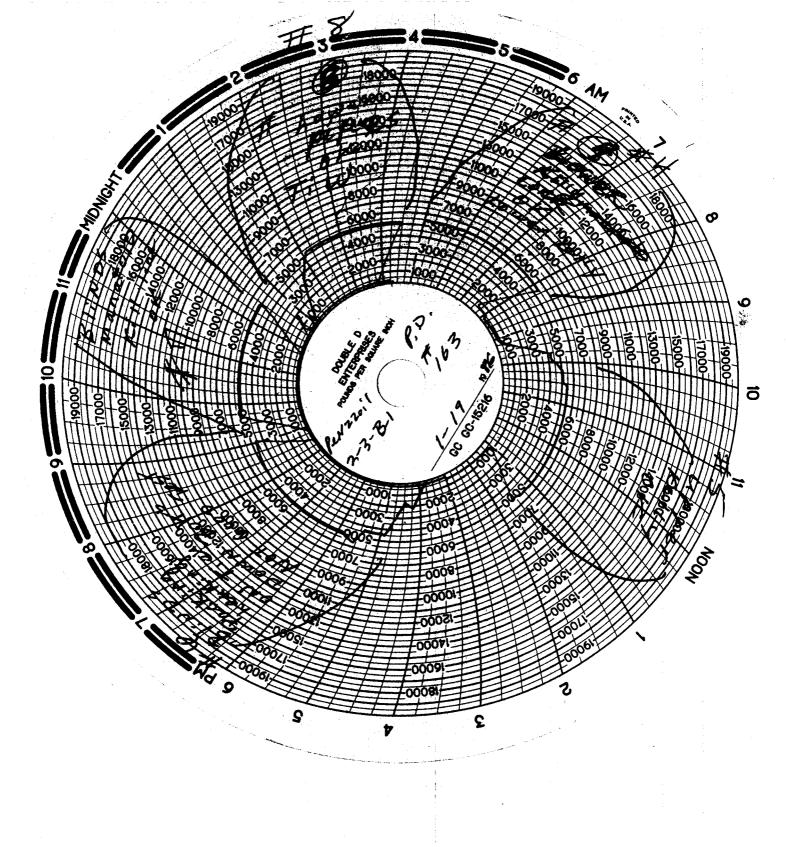
		LEASE AND WELL NAME # DATL OF TEST RIG # AND NAME
<u>C</u>	OMPANY	- CCAJC AND MCCCMONIC COMPANY
Penz	2011	Hatch 2-3-B-1 1-19-86 P.D. 163
TEST#		
18+h	400 P.M	NIU crewarrived on Location
	4-12 m	in Stack on & nipple up 3.0.7
19+h	12-5 A	m Hook up Koomey lines well ON
		Flow line fix Koomey line leaks
		During this time we the sted
		> 15+ 3 manafold Values 5000
(a)		15 miN = OK > 2ND 3 manafold values
(22)	5-7	Finish flow line put oil in
	·	accumulator Fix Kooney lines
		Rigger up tongs Kelley
		Rigged up tongs Kelley up & made up test lege worked Kelly cocks
		ÉWORKED KELLY COCKS
3		Test attempts on Lower
		Kelly work bower Kelly
9		Thower BULY 5000 15 miNe
		ドルルK :: -
(3)		Work Rams switch Koomey
	7-1/30	Work Rams Switch Koomey
		Tres DN H.C.R. WORK-LB. FROM Remote panel - OK
	73080	Pigupee, RUN É Set
	1/3 = 8 =	Plag Fill Stack
	0 015	Test attempt against Blink
(6)	8-8-	beaking on Packing nuts
		ON TIE DOWN BOIT ON
		Wing Ping Flanges - TIX
(9)	815 830	TOST RIMDS-1ST Three
		manafold values 1st value
		ON KILL 11 ne 5000 15 MIN-OK
	830845	During BIIND Test made up
		CIRCUlating SUB & T.I.W. & Dary
		Value of top of soint of Det.
		THEN RON SOINT IN & TIED
		Pipes é made up test eq.
		그는 그 이 통해 보다 있는 것이 한 경우 문화를 받았다. 이 사람들은 사람들은 사람들은 사람들은 사람들은 사람들은 사람들은 사람들은
		- Alignetic Artifaction (1 DE TOLER BOOK Alignetic Control (1 mg ・ 1 control (1 mg

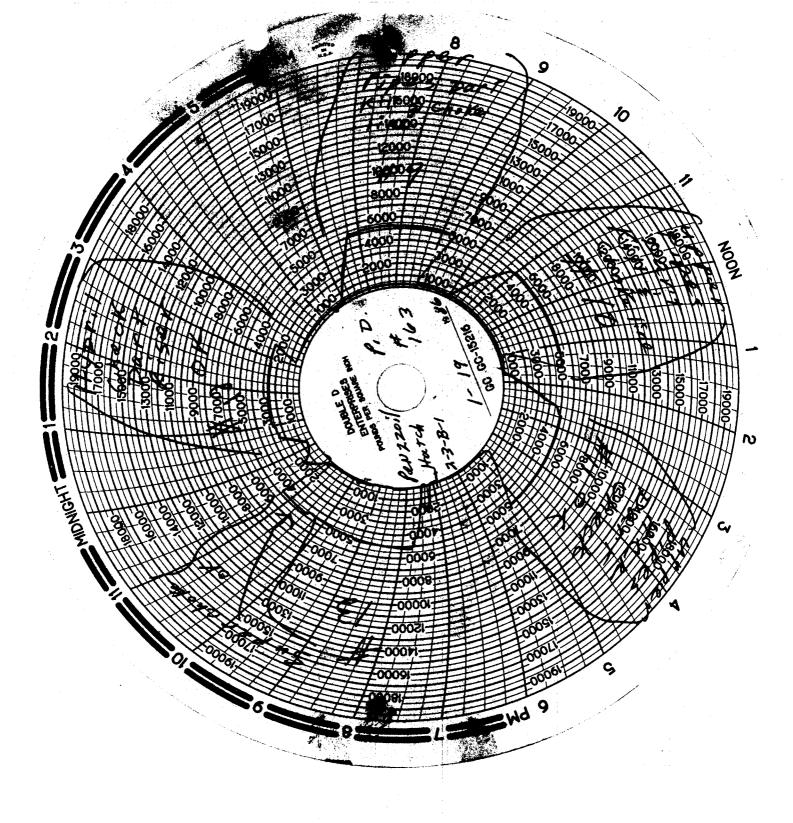
DATE OF TEST RIG # AND NAME COMPANY LEASE AND WELL NAME # PeNZZOII Hatch 2-3-8-1 1-19-86 P.D. 163 hower pipes & Tiw value
50,00 15 min OK close upper pipes open Tiw close 1st valve on Choke IIne close 2 ND value on Kill line open 15ts value on Kill line open hower Pipes Test upper pipes - 15t value on choke line-2ND value on Kill line-Dart Value 5000 15 min-OK Close 2ND value on choke l'ine open 1st value on choke l'ine open and value ON Kill line Test upper pipes - 2ND Value on chose line - check value on Kill line - Dart value 5000 15 min-OK CIOSE H.C.R. OPEN 2ND value on choke line Test upper pipes - HCR -check value on Kill line -Dart value 3000 15 min - OK Close Riser value on man afor work Hypril & close open pipe Rams open Hor Test attempt on HYDril heaking BY ItYDril WORK HYDrill - Dart value -Riser value on mana Foldcheck value on KIII line 1st 3 manatold values 2500 15 miN - OK

		EASE AND WELL	## 2 - 그래께 RRO : 전 12 - 프레크 - 전역교육은 事件, 그런 하는 1 - 전 하는 1 - 전 - 전 - 전 - 전 - 전 - 전 - 전 - 전 - 전 -	
PENZ	201/	Yatch =	2-3-B-1 1-19-86 P.D. 16	3
TEST#	TIME			
	10451125	Pull 1	Jug Rig DOWN Plug	
		R19 41	pretriewing tool	
		RUN E	set wear ring Rig	
		DOWN	retribuing tool big	
		DOWN	[HTT] [HTTP: [HTTP: HTTP: H	<u> </u>
		~	Lay Down Teste	B-1
(13)	11/3/20	Hep	TOTCO HANDS Kig	
			per choke eg-	
		TLEST	super choke 5000	<u></u>
		15 m/ A		
				92.
		opan	HCK TEST Same	
		5000		
	12-100	hOAD_	TRUCK SPOOL UP	
			CAT FICKETS	
	100-130	B.H.A.	RUNNing Into Wear	
	10-130	B.H.H. Ring	wait to hay Dow.	1
	10-130	B.H.A. Ring Collai	wait to hay Down	
	10-13-	B.H.A. Ring Collai ring	wait to hay Downs Then pull wear	
	10-13-	B.H.A. Ring Collai ring	wait to hay Down	
	10-13-	B.H.A. Ring collar ring	wait to hay Down	
	10-13-	B.H.A. Ring Collai ring	wait to hay Downs Then pull wear	
	10-13-	B.H.A. Ring Collai ring	enning Into well wear wait to hay Down -s Then pull wear	
	10-13-	B.H.A. Ring Collai ring	enning Into well wear wait to hay Down 15 Then pull wear	
	10-13-	B.H.A. Ring Collai ring	enning Into wear wait to hay Down s Then pull wear	
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		B.H.A. Ring collai ring	RUNNING INTO WERT Wait to hay Dow 5 Then pull wea	
		B.H.A. Ring Collai ring	eanning Into wear wait to hay Down 5 Then pull wear	
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		B.H.A. Ring collai ring	enning ATO wear wait to hay Dow, s then pull wear	
		B.H.A. Ring Collai ring	enning ATO week wait to hay Dow, s then pull wear	









State De.

DOUBLE "D" ENTERPRISES

B.O.P. Test Report

B.O.P. TEST PERFORMED ON (DATE) 2-17-84
OIL CO. Dennzoil
WELL NAME & NUMBER Hatch Z-3-131
section3
TOWNSHIP ZW
RANGE 15
COUNTY Duchesne
DRILLING CONTRACTOR Parker Drilling 163
INVOICES BILLED FROM: DOUBLE "D" ENTERPRISES, INC. 213 Pine Street - Box 560 Shoshoni, Wyoming 82649 Phone: (307) 876-2308 or (307) 876-2234
TESTED BY: DOUBLE "D" ENTERPRISES, INC. 608 N. Vernal Ave. Vernal, UT 84078 Phone: (801) 781-0448 or (801) 781-0449
OIL CO. SITE REPRESENTATIVE Harlen Collier
RIG TOOL PUSHER Bob
TESTED OUT OF Dernal
NOTIFIED PRIOR TO TEST: DLM
COPIES OF THIS TEST REPORT SENT COPIES TO: Dennzoil
Darker Drilling
State
BLM
ORIGINAL CHART & TEST REPORT ON FILE AT: Uernal OFFICE

DOUBLE "D" ENTERPRISES, INC.

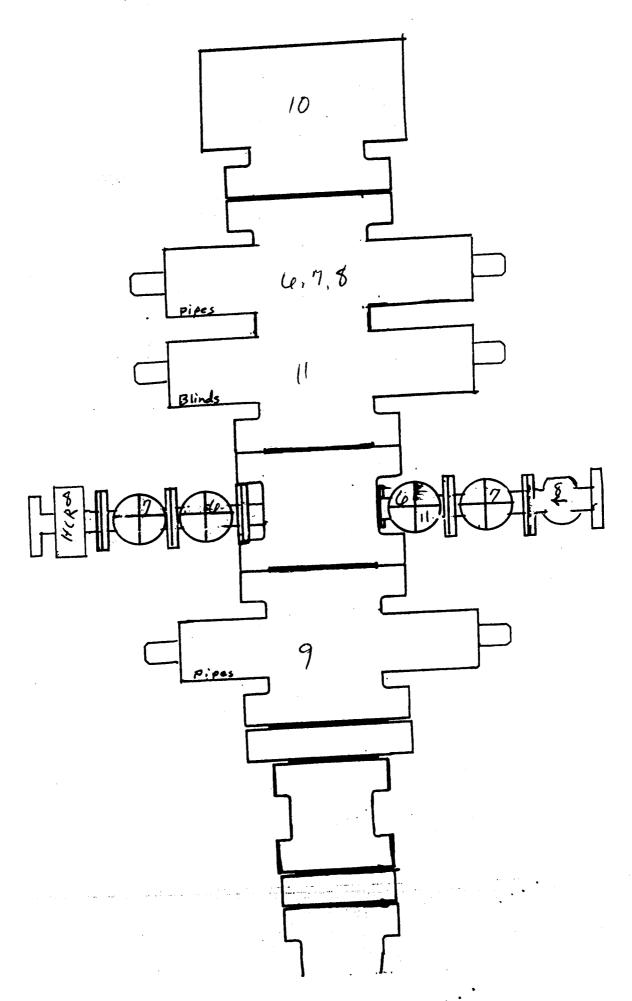
P.O. Box 560 Shoshoni, Wyoming 82649 307-876-2308 DELIVERY TICKET. 15
Nº 4116

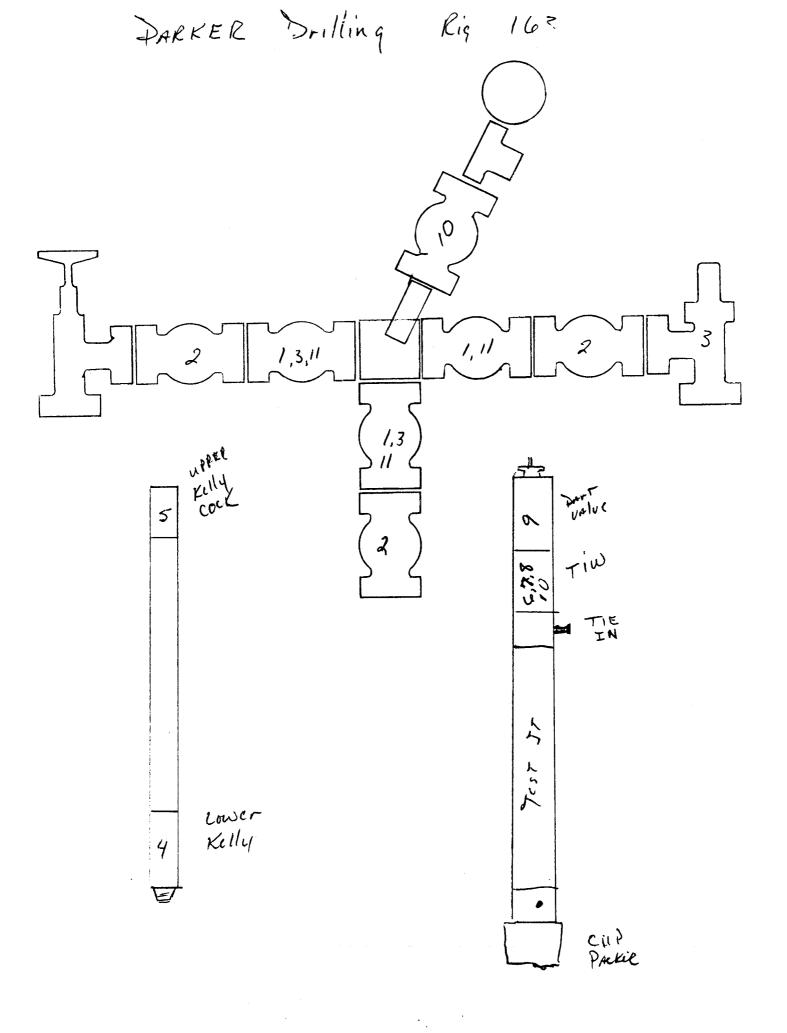
PARKER Operator_ Items Tested: Comments Time Held **High Test** Time Held **Low Test** 15 min Top Pipe Rams OU **Bottom Pipe Rams** 4500 **Blind Rams** 00 Annualar B.O.P. 5000 **Choke Manifold** 5000 **Choke Line** OK 4500 Kill Line 5000 OK Super Choke 5000 **Upper Kelly** OK 5000 Lower Kelly OK 4500 Floor Valve lad to work i 4500 **Dart Valve** Closing Time of Hydril _ bsec Closing Time of Rams Closing Unit Psi Bit Guide _ Set Wear Sleeve_*VES* Closed Casing Head Valve_ Ves RETRIVER 4/2 IF COM. Comments_

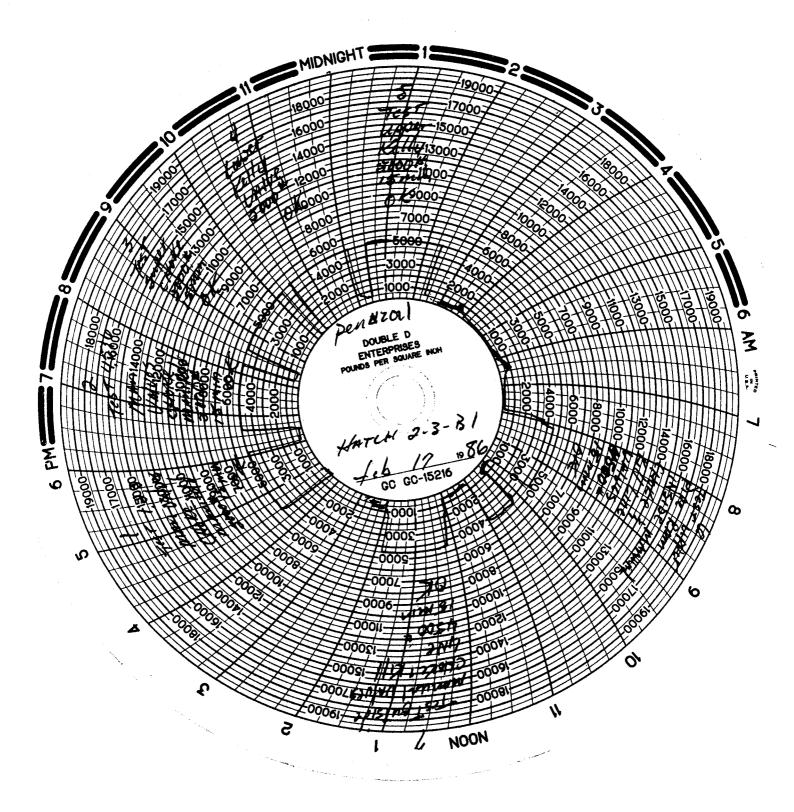
Coms	Pany	Lease and Well Name # Date of test Right Parker
Penyz	, ,	HATCH 2-3-81 Feb 2 1786 163
5 7 #	Time	
	3:00 3:15 PM	Test 1213 manual values of CHoke manifold
		Test "45 & 6 manual values of CHoke Manufold
_2	320 3136	
	3:40 3:58	Test Super CHoke 3000 15 min OK
	338 4:30 pm	Rig down Test equiptment & Return To Vernal Return To Cocation
4	200 2:18 Am	Test Cower Kelly Unive 5000 15 min of
_5	220 2135	Test upper Kelly Cock 8000 15 min OK MAKUP CUP PACKET ASSY, Sloor & DANT VALUE
	2:55 —	TT CA Pucker & ATTEMPO TEST OF COWER
		Pipe RAM + floor VAIVE - NO Seal a CUP PALES
	- 4:25	Pull & Change out some & ATTEMPT TEST Test upper Dipe Rom, inside CHOKE ! Kill Line
<u></u>	4:25 4:40	manual values : Tiw 4500" 15 min OK
	4:45 5:05	attempt Test of outside manual UA/VES CHOKE
		Kill Line - NO TEST - WORK & flust manual
~	505 5:20	Value of CHOKE LINE Test outside monual values of CHOKE & KILL
7	5.05 5:20	line 4500 15 min ok
	5:30 6:05	Climage out cup Parker Test HCR & CHECK VAlve 4500 15 min. OK
_8	(4:05 6:20	Test Lower Pipe RAMS & Dart Value
	4:35 6:50	4500 * 15 min 0K
	6:50 7:35	WORK Hudril open & Close ATTempt To lest
_10	7:35 7:50	Test Hydril ! Verticle Riser Value of CHOKE
	n 1:10	Test 8/mod Roms 4500" 15 min. OK
	7:55 6:10	Rig down Test equiptment, Load Truck & Return
		To Vernal

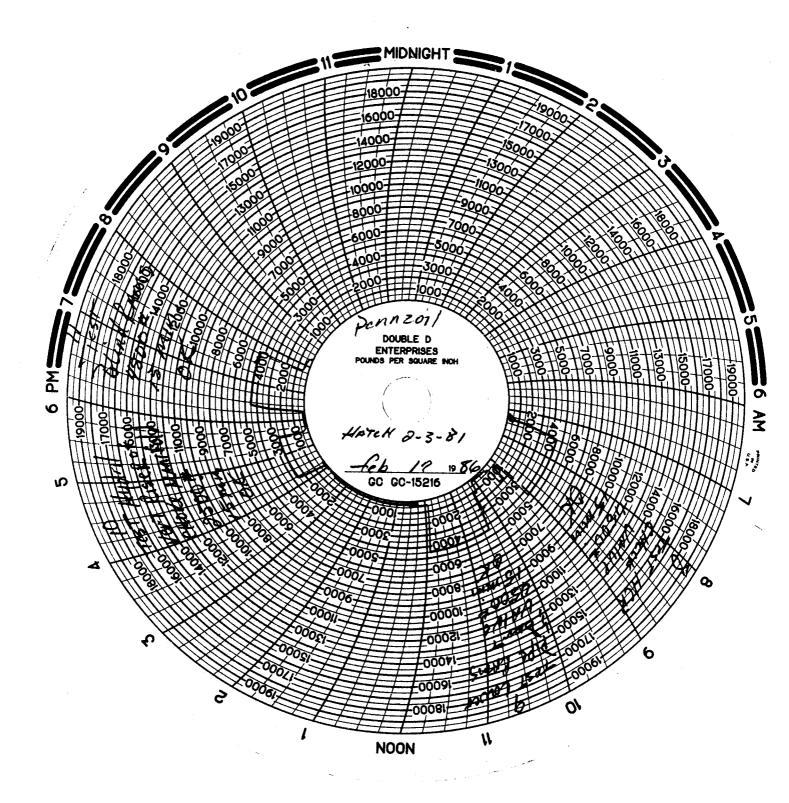
.....**s**

P. KER Drilling 113









	a
	100/
	0.710
•	86-43-2
APPLICATION NO	00 7 9
DISTRIBUTION SYSTE	M

Application For Temporary Change of Point of Diversion, Place or Purpose of Use STATE OF UTAH

(To Be Filed in Duplicate)

	Vernal,	Utah	Feb.	6,	9 86
	Place	•	Date		
For the purpose of obtaining permission				, place or purp natter not needed	l)
of water, the right to the use of which was acqu	ired by 43-8	118 (A496	95) n, title and date of De	cree and Award !	
to that hereinafter described, application is he facts, submitted in accordance with the requirer	reby made to t nents of the La	he State Eng	rineer, based upon	the following	showing o
The owner of right or application is.	rlene Hall				-
2. The name of the person making this applica	tion is	ene Hall	(Duane Hall	Trucking)	
3. The post office address of the applicant is	241	North <u>850</u>) West, Verna	1, Utah840	07.8
	AST USE O				
4. The flow of water which has been used in se		015			
 The flow of water which has been used in se The quantity of water which has been used in se 	foot is	••••			
 The quantity of water which has been used to the first the first term of the first term o	an. 1		Dec. 3]	inc
6. The water has been used each year from	Month)	(Day)	(Month)	(Day)	, me
7. The water has been stored each year from			to	······	, inc
•	Month)	(Day)	(Month)	(Day)	
8. The direct source of supply is Unnamed	Spring			c+ 120 f+	from
9. The water has been diverted into	•••••••••••	canal at	a point located. 59	36 420 16	
on out. oco. of troinement					
OTE: If for irrigation, give legal subdivisions of land place and purpose of use. THE FOLLOWING TE	and total acreage	CHANGE	ES ARE PROP	OSED	
1. The flow of water to be changed in cubic fee	t per second is				
2. The quantity of water to be changed in acre	-feet is	3.0			
3. The water will be diverted into the tank SW Cor. SEc. 3, T15,R2W,USB&M					
4. The change will be made from Feb. 6					
	(Part	ad must not ev	CAAAA ONA VARTI		
5. The reasons for the change are Oil well		a compile	LION (Fenzon	.1.7	
6. The water involved herein has heretofore be	een temporarily				
	(Tiet	veare change h	as been made)		
7. The water involved is to be used for the fol-	lowing purpose	Oil wel	I drilling &	completion	n or
atch 2-3-B1,Sec.3,T2S,R1W,USB&M	: Norling 2	2-9-B1 Se	c.9,T2S,R1W,U	ISB&M	
43-013-31147-Pow	43-013-3	31151 - Por	O Total		acre
NOTE: If for irrigation, give legal subdivisions of land			poses, give place and	purpose of propo	sea use.
	EXPLANA				
,					
A filing fee in the sum of \$5.00 is submitted	harawith I am	roe fo nev en	additional fee for	either investig	ating or s

Signature of Applicant

vertising this change, or both, upon the request of the State Engineer.

RULES AND REGULATIONS

(Read Carefully)

This application blank is to be used only for temporary change of point of diversion, place or nature of use for a definitely fixed period not to exceed one year. If a permanent change is desired, request proper application blanks from the State Engineer.

Application for temporary change must be filed in duplicate, accompanied by a filing fee of \$7.50 Where the water affected is under supervision of a Water Commissioner, appointed by the State Engineer, time will be saved if the Application is filed with the Commissioner, who will promptly investigate the proposed change and forward both copies with filing fee and his report to the State Engineer. Applications filed directly with the State Engineer will be mailed to the Water Commissioner for investigation and report. If there be no Water Commissioner on the source, the Application must be filed with the State Engineer.

When the State Engineer finds that the change will not impair the rights of others he will authorize the change to be made. If he shall find, either by his own investigation or otherwise, that the change sought might impair existing rights he shall give notice to persons whose rights might be affected and shall give them opportunity to be heard before acting upon the Application. Such notice shall be given five days before the hearing either by regular mail or by one publication in a newspaper. Before making an investigation or giving notice the State Engineer will require the applicant to deposit a sum of money sufficient to pay the expenses thereof.

Address all communications to:
State Engineer
State Capitol Building
Salt Lake City, Utah

STATE ENGINEER'S ENDORSEMENTS

(Not to be filled in by applicant)

Application received by Water Commissioner Recommendation of Commissioner Application received by mail in State Engineer's Office by Application received by mail Fee for filing application, \$7.50 received by Rec. No. Application returned, with letter, to over counter by mail Corrected application resubmitted by mail Fee for investigation requested \$. Fee for investigation requested \$. Fee for investigation made by Rec. No. Investigation made by Recommendations: Fee for giving notice requested \$. Fee for giving notice *. received by Rec. No. Application approved for advertising by publication by mail Notice published in. Notice of pending change application mailed to interested parties by as follows: Change application protested by (Date Received and Name) Hearing set for approved for approved to the rejection approved to approve the rejection approved to the rejection approved to the rejection approved to the rejection approved to the rejection of the rejection approved the rejection approved to the rejection of the rejection approved the rejection of the rejection approved the rejection of the rejection of the rejection approved the rejection of the rejection		Change Application No. (River System)	
Application received by mail Fee for filing application. \$7.50 received by Rec. No. Application returned, with letter, to for correctic by mail Corrected application resubmitted by mail Fee for investigation requested \$. Fee for investigation \$\text{Rec. No.}\$ Investigation made by Recommendations: Fee for giving notice requested \$. Fee for giving notice \$\text{Rec. No.}\$ Application approved for advertising by publication by mail Notice published in. Notice of pending change application mailed to interested parties by as follows: Change application protested by (Date Received and Name) Hearing set for approved for rejection approved for approved by rejection approved for approved by rejection approved for appr			• • • • • • • • • • • • • • • • • • •
Fee for filing application. \$7.50 received by		Recommendation of Commissioner	
Fee for filing application. \$7.50 received by	2-6	Application received over counter in State Engineer's Office by	
Corrected application resubmitted by mail Fee for investigation requested \$. Fee for investigation \$ received by Rec. No. Investigation made by Recommendations: Fee for giving notice requested \$. Fee for giving notice \$ received by Rec. No. Application approved for advertising by publication mail by Notice published in. Notice of pending change application mailed to interested parties by as follo Change application protested by (Date Received and Name) Hearing set for approved for approved by Application recommended for approved by Tejection approved by Application recommended for approved by Application recommended for approved by Tejection approved by Application recommended for approved by Tejection approved by Application recommended for approved by Tejection approved by Application approved by App		Fee for filing application, \$7.50 received by; Rec. No	
Fee for investigation requested \$		Application returned, with letter, to, for corr	ection
Fee for investigation \$			
Investigation made by Recommendations: Recomm		Fee for investigation requested \$	
Investigation made by		Fee for investigation \$, received by: Rec. No	
Fee for giving notice requested \$		Investigation made by; Recommendations:	
Fee for giving notice \$, received by Rec. No			
Application approved for advertising by publication by Notice published in Notice of pending change application mailed to interested parties by as follows: Change application protested by (Date Received and Name) Hearing set for at Application recommended for rejection approval by Feb. 19, 1986 Change Application approved and leturned to			
Notice of pending change application mailed to interested parties byas follows			
Notice of pending change application mailed to interested parties byas follows		Notice published in	
Change application protested by (Date Received and Name) Hearing set for at Application recommended for rejection approval by Feb. 19, 1986 Change Application approved and feturned to			follow
Hearing set for rejection approval by Change Application approved and teturned to		Change application protested by (Date Received and Name)	
Application recommended for approval by Feb. 19, 1986 Change Application approved and returned to		Hearing set for, at	
Feb. 19, 1986 Change Application approved and returned to	1	rejection Application recommended for approval by	
<i>'</i>	Feb 19	1986 Change Application approved and returned to	
THIS APPLICATION IS AT TROVED BODGET TO THE	Feb. 19,	Hearing set for	
			••••
		······································	
,			

PENNZOIL EXPLORATION AND PRODUCTION COMPANY

P.O. DRAWER 1139 • DENVER, COLORADO 80201-1139 • (303) 832-6060

February 19, 1986



State of Utah, Dept. of Natural Resources Division of Oil, Gas and Mining 355 West North temple 3 Triad Center, Suite 350 Salt Lake City, Utah 84180-1203

DIVISION OF OIL, GAS & MINING

Permit No. 43-013-31147 Monthly Operations Report Hatch 2-3B1 Duchesne County, Utah



Gentlemen:

Enclosed please find the original and three (3) copies of your Form OGCC-1b for captioned permit. This monthly operations report is for January, 1986.

Should there be any questions please contact the undersigned.

Sincerely,

PENNZOIL EXPLORATION AND PRODUCTION COMPANY

Wilburn L. Luna

District Drilling Superintendent

WLL/alk

Enclosures - 4

· · · · · · · · · · · · · · · · · · ·		
	ACTION	i i
NAME	CODE(S)	INTL
NORM		20
TAMI		
VICKY		VC
CLAUDIA		1/C
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CONNIE		W
MILLIE	/ ·	m.
PAM	FULE	

Required Action Code 1. Data Entry

- 2. Filming
- Posting
 - a. Card Index
 - b. File Label
 - c. Lists
- Bonding Verification Other (See Norm)

PAM IF THE OPER FORGETS TO STAMP EACH COPY "CONF", PERHAM WE SHOULD DO IT - ALSO, JUST ONE COPY FOR ROUTING ? LET'S TALK

	ACTION	
NAME	CODE(S)	INTL
NORM		4
TAMI		
VICKY	/	
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STEPHANE		1
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MARY ALICE		
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PAM	1-16	

Required Action Code

- Data Entry 1.
- Filming 2.
 - Posting a. Card Index
 - b. File Label
 - c. Lists
- Bonding Verification Other (See Norm)

STATE OF UTAH

SUBMI TRIPLICATES

(Other instructions on reverse side)

	RTMENT OF NATUR ISION OF OIL, GAS			5. LEASE DESIGNATION	ON AND BERIAL HO.
	151014 01 012, 420			State: ML 1	
SUNDRY NO	OTICES AND REI	PORTS ON	WELLS	6. IF INDIAN, ALLOT	THE OR TRIBE NAME
(De not use this form for pr Use "APP	oposals to drill or to deep LICATION FOR PERMIT—	en or plug back	to a different reservoir.		
OIL WAS OTHE			ECEN E	7. UNIT AGREEMENT	HAMS
2. NAME OF OPERATOR			FEB 21 1986	S. FARM OR LEASE	MAMB
Pennzoil Exploration	and Production	Company	FED & 1 1000	Hatch	
P O Drawor 1139 D	enver. CO 80201-	1139	DIVISION OF	2-3B1	
4. LOCATION OF WELL (Report location of the second	on clearly and in accordant	ice with any Stat	OH, GAS. & MININE	10. PIELD AND POOL	
At surface				Bluebell-Wa	
1588' FNL &	1544. FML			SENW, Secti	
				T2S-R3W	
14. PERMIT NO.	IS. BLEVATIONS (She		GR. etc.)	12. COUNTY OR PAR Duchesne	Utah
43-013-31147	5189' GR (u	ngraded)		Duchesne	Utan
16. Check	Appropriate Box To	Indicate Natu	re of Notice, Report, o	or Other Data	
NOTICE OF I	HTBRTTON TO:		403	ARQUENT REPORT OF:	
TEST WATER SHUT-OFF	PULL OR ALTER CASING	· 🔲 📗	WATER SHUT-OFF	RETAIRIN	
FRACTURE TREAT	MULTIPLE COMPLETE		PRACTURE TREATMENT	ALTERING	
SHOOT OR ACIDIZE	ABANDON® CHANGE PLANS			perations	X
(Other)			(Note: Report res	suits of multiple completion multiple completion Report and Log	Infer.)
17. DESCRIBE PROPOSED OR COMPLETES proposed work. If well is di	D OPERATIONS (Clearly state rectionally drilled, give su	e all pertinent de beurface locations	talls, and give pertinent di and measured and true ve	ates, including estimated ertical depths for all mari	date of starting any ters and zones perti-
nent to this work.)	•				
January 1985 report:					
1. Spudded @ 3:45 p	m on 1-12-86				
2. Ran 65 jts (2673	.45') 10 3/4" 40	.5 & 45.5#	K-55 ST&C csg.	Set and cemente	ed at 2666'.
3. Drilled a 9 7/8"	wellbore to 826	2' as of 6	am on 2-1-86.		
4. Drilling fluid 9	.4 MW, 44 Vis, 1	2.2 WL.			
				`	
18. I hereby certify that the forego	oing is true and correct				
BIGNED William	L. Luna	District D	rilling Superinte	endent DATE 2-1	.9-86
	na				
THIS short for session of non				DATE	_
COMMITTEE S OF APPROVAL	IF ANT:	TITLE			

SUBMI TRIPLICATES (Other instructions on reverse side)

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING

	DIVISION OF OIL, GAS, AN	D MINING	5, LEASE DESIGNATION AND SERIAL NO.
SUND (De not use this for	RY NOTICES AND REPOR	RTS ON WELLS	ML 13918 6. IF INDIAN, ALLOTTER OR TRIBE NAME
	rm for proposals to drill or to deepen or Use "APPLICATION FOR PERMIT—" for	Plug back to a different reserve such proposais.)	
1. OIL V UAS	1		7. UNIT AGREEMENT NAME
2. NAME OF OPERATOR	i other		8. FARM OR LEASE NAME
	r. and Prod. Co.	mickles NV	Hatch
3. ADDRESS OF OPERATOR			9. WELL NO. 2-3B1
	1139, Denver, CO 80201-		6
4. LOCATION OF WELL (Rep. See also space 17 below.	ort location clearly and in accordance wi	th any State requirements.	10. FIELD AND POOL, OR WILDCAT
At surface 1588	' FNL & 1544' FWL	DIVISION O	Bluebell - Wasatch
I,		OIL. GAS & MIN	JING SENW
		<u> </u>	JULIAN
14. PERMIT NO.		100 10000	Sec. 3, T2S, R1W
43-013-31147	26 - 25		Duchesne Utah
16.			ther Data
	·		BMT ABPORT OF:
			REPAIRING WELL
TEST WATER SMUT-O			ALTERING CASING
SHOOT OR ACIDIZE	Λ	CTION	ABANDONMENT*
REPAIR WELL	1 1 1 1 1 1	DDE(S) INTL	of multiple completion on Well
(Other)	NORM	JOE(S) INTL	etion Report and Log form.)
17. DESCRIBE PROPOSED O proposed work. In	TAMI VICKY	1	including estimated date of starting nni il depths for all markers and zones perti
nent to this work.)	CLAUDIA		The transfer of the second
	STEPHANE		μ
February 1	CHARLES		
1. Continued	RULA		1W 10.1#, Vis 43, WL
10.8. Rai 2. Ran 236 ji	MARY ALICE		0 10 10 10 10
3. 1st stage	CONNIE MILLIE		% cmt @ 10,315' KB.
D74, .4% I	PAM FILE)-42 Kolite w/ .3% not leak - cement
overlappe	1776		100 reak - cement
4. 2nd stage	Required Act	tion Code	s HiLift w/3% salt.
Tail-in w circulate	1. Data En	try	c throughout and
5. N/D BOP's	 Filming Posting 		D manifold ball.
& valves	 Posting a. Card 	Indov	OP, manifold, kelly
6. Pressured	b. File	Lahel	
7. Drilled 5	c. Lists	5	ormation w/2468 psi.
Eq. to 15 8. Drilled 6	4. Bonding	Verification	
9. No proble	5. Other (S	ee Norm)	
 			
U)-	+ Juna		
18. I hereby certify that	he foregoing is true and correct	Dietwist During	Consulation during 0.75.406
BIGNED WITHU		DISTRICT Drilling	Superintendents 3/5/86
(This space for Federa			
•	TITL	F	DATE
APPROVED BY			

SUBMI TRIPLIE ATE: (Other instructions on reverse side)

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL GAS AND MINING

Contract.

	DIVISION OF OIL, GAS	AND MINING		5. LEASE DES	IGNATION AND BERIAL NO.
		, , , , , , , , , , , , , , , , , , , ,		·	3918
(Do not use this form f	NOTICES AND RE	PORTS ON WI	ELLS different recervoir.	6. IF INDIAN,	ALLOTTES OR TRIBE NAME
OIL GAR GAR WELL	OTHER			7. UNIT AGES	EMBHT NAMB
2. NAME OF OPERATOR		Series.	3727878787878	S. PARM OR L	EMAN SEAS.
Pennzoil Explor.	and Prod. Co.		254V/F	Hatch	
	.39, Denver, CO 802	201-113	D 07 1986	2-3B1	
See also space 17 below.)	location clearly and in accordan	ice with any State requ	Trements.		D POOL, OR WILDCAT
At surface 1588' F	NL & 1544' FWL	ח	IVISION OF	Bluebe]]- Wasatch
		OIL.	GAS & MINING	SENW	C OR ARRA
				Sec. 3	T2S R1W
43-013-31147		w whether of, at, ga, etc (ungraded)	L)	Duchesne	
					= 1 ULan
Ci	heck Appropriate Box To	Indicate Nature of		Ofher Data	
<u></u>	OF INTENTION TO:				
TEST WATER SEUT-OFF	PULL OR ALTER CASING MULTIPLE COMPLETE		ACTURE TREATMENT		TERING CASING
SHOOT OR ACIDIZE	ABANDON®	84	OUTING OR ACIDIZING		ANUONMENT®
REPAIR WELL	CHANGE PLANS	(0	ther, monthly op	erations	mpletion on Well
17. DESCRIBE PROPOSED OR COMP proposed work. If well			(Nors: Report resulting or Recon		
1. Continued dril 10.8. Ran log 2. Ran 236 jts (1 3. 1st stage ceme D74, .4% D65, overlapped D.V 4. 2nd stage ceme Tail-in w/100 circulated cmt 5. N/D BOP's. Cur & valves to 500 6. Pressured test 7. Drilled 5' of the Eq. to 15 PPG m 8. Drilled 6 3/4"	t off 7 5/8" csg - 100 psi. Rams to 45 ed 7 5/8" csg w/100 formation and press	ore from 8262' GR, CNL-FDC, N 9.70# N-80 & S ft, 3% salt, 5 Had good cir 00 sks @ 8.4# did not leak. N/U BOP stack. 00 psi & hydri 0 psi - OK. ured csg, csg	/DL-SS. 5-95 LT&C. Second Seco	t & cmt @ 1 D-42 Kolit not leak - ks HiLift w rc througho 30P, manifo	0,315' KB. Le w/ .3% cement 1/3% salt. Lut and 1d, kelly
18. I hereby certify that the for	pregoing is true and correct L. Luna	TITLE District [Drilling Super	intend _{8N} ‡ _m	3/5/86
(This space for Federal or					
APPROVED BY		TITLE		DATE	
CUMPILL IS OF APPROV	FAL, IF ANT:				

STATE OF UTAH STATE OF NATURAL RESOURCES SUBMI TRIPLICATES (Other distructions on reverse side)

At.
δ.

DEPAR	5. LEASE DESIGNATION AND SERIAL NO. ML 13918		
(Do not use this form for pro- Use "APPI	OTICES AND REPORTS oposals to drill or to deepen or plucification for PERMIT—" for suc	ON WELLS us back to a different reservoir. th proposals.)	6. IF INDIAN, ALLOTTER OR TRIBE NAME
OIL A GAS OTHER		DE CENTRAL	7. UNIT AGREEMENT NAME
2. NAME OF OPERATOR	r. and Prod. Co.	THE SEVE	8. FARM OR LEASE NAME Hatch
3. ADDRESS OF OPERATOR		MAR 07 1986	9. WBLL NO.
P.O. Drawer 11			2-3B1
See also space 17 below.) At surface 1588 FNL & 1	on clearly and in accordance with a	OIL, GAS & MINING	Bluebell-Wasatch 11. asc., T., E., M., OR BLE. AND SURVEY OR AREA SENW Sec. 3, T2S, R1W
14. PERMIT NO.	15. Stavations (Show whether		12. COUNTY OR PARISH 18. STATE
43-013-31147	5189' GR (ungr	aded)	Duchesne Utah
		Nature of Notice, Report, or	
TEST WATER SEUT-OFF FRACTURE TREAT SMOOT OR ACIDIZE REPAIR WELL (Other)	PULL OR ALTER CASING MULTIPLE COMPLETE ABANDON® CHANGE PLANS	WATER SHUT-OFF PRACTURE TREATMENT SHOUTING OR ACIDIZING (Other) Monthly Opi (Note: Report result	REPAIRING WELL ALTERING CASING ABANDONMENT* ETTIONS Is of multiple completion on Well pletion Report and Log form.) Including estimated date of starting any
January 1986 Month 1. SPUD @ 3:45 PM o	ly Operations Report n 1-12-86. " wellbore to 2668' e	ncountering and killing	g a water flow at
3. Ran 65 jts (2673	.45') 10 3/4" 40.5 &	45.5# K-55 ST&C csg. S	Set and cemented @ 2666'.
4. N/U BOP stack. 2,500 psi - 10 3	Tested pipe blind ram /4" csg to 1,000 psi.	s w/ choke manifold to	5,000 psi. Hydril to
5. Drilled a 9 7/8" Vis 44, WL 12.2.	wellbore form 2668'	to 8262' at 6:00 AM on	2-1-86. MW 9.4,
18. I hereby certify that the spregoi	ng is true and correct / 202\ 0	22 6060	
M. J. Wreek		strict Drilling Superi	ntendent 3/5/86
Wilhurn (This space for Federal or State	Luna		
	TITLE _		DATE
CUMPILL IS OF APPROVAL,			

Legy.

BLOW OUT PREVENTION TEST

NAME OF COMPANY: Jennyor	MGE /wCOUNTY: Dachene
WELL NAME: Hatch 2-3- K	3/
ASSTITUTE 2 TOWNSHIP RA	NGF /wCOUNTY: Unchene
SECTION:	5
DRILLING CONTRACTOR: D + D	anlegerses
RIG #	- -
ROP TEST: DATE: 3-17-86	
TIME: 4:30 - 5:00	<u>FM</u>
DRILLING:	ACTIO"
CASING:	NAME CODE / INTL
H ₂ S:	
n ₂ 3:	VICKY CLAUDIA
	STEPHANE CHARLES
	RULA
•	MARY ALICE
	CONNIE
	PAM ILLE
	Required Action Code
	1. Data Entry
••	2. Filming
	3. Posting a. Card Index
	b. File Label
	c. Lists
·	4. Bonding Verification 5. Other (See Norm)
REPORTED BY: South Brown TELEPHONE NO. 781-0448	
KEI ONTED BI.	
TELEPHONE NU. 101- 8448	
	CICUED //
DATE: 3/19/86	SIGNED_KS

TRIPLICALES

	ATE OF UTAH TMENT OF NATURAL RES SION OF OIL, GAS, AND N	SOURCES	5. LEASE DESIGNATION AND SERIAL NO. FEE / ML 13918
	OTICES AND REPORTS posals to drill or to deepen or plus ICATION FOR PERMIT—" for such		6. IF INDIAN, ALLOTTER OR TRIES NAME
OIL X MAS OTHER			7. UNIT AGREEMENT NAME
2. NAME OF OFFEATOR Pennzoil Company			8. FARM OR LEASE NAME Hatch-Shisler
P.O. Box 290 ;	Neola, Utah 84053		9. WBLL NO. 2-3B1
4. LOCATION OF WELL (Report location See also space 17 below.) At surface 1588 FNL; 1544	E clearly and in accordance with a	ny State requirements.*	10. FIELD AND FOOL, OR WILDCAT Bluebell Field 11. SEC., T., E., M., OR BLE. AND SURVEY OR ARRA
			Sec.3 T2S R1W
14. PERMIT NO. 43 013 31147	15. BLBYATIONS (Show whether 5189 (GR)	OF, RT, GR, etc.)	Duchesne Utah
16. Check .		Nature of Notice, Report, or	Other Data
TEST WATER SEUT-OFF FRACTURE TREAT SHOOT OR ACIDIZE REPAIR WELL (Other) Construct Emer		Completion or Recom	REPAIRING WELL ALTERING CASING ABANDONMENT* Its of multiple completion on Well pletion Report and Log form.) s. including estimated date of starting any
proposed work. If well is direction this work.) Propose to build containment of a heater treater.	d emergency pit 30' x emergency discharges f All discharges will	30' x 8' deep on locate from salt water dispose be reported in accordance to the same of such discharge.	tion for al tank and ance with SPCC



	OIL, GAS & MINING			
8. I hereby certify that the foregoing is true and correct SIGNED Donald R. Lankford	TITLE Field Eng.	ineer DATE 3 / 3	1 / 86	
(This space for Federal or State office use)	TITLE	APPROVED BY THE S OF UTAH DINISION		
COMPANDIAL US OF APPROVAL IF ANY:	AAAMA	OIL, GAS, AND MIN		
*Se	e Instructions on Rever	BY: Thu K. Laye		

SUBM N TRIPLICATE: (Office abstructions on reverse side)

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OUR GAS AND MINING

DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	5. LEASE DESIGNATION AND SERIAL NO. ML 13918 6. IF INDIAN, ALLOTTES OR TRIBE NAME	
SUNDRY NOTICES AND REPORTS ON WELLS (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)	7. UNIT AGREEMENT NAME	
OIL WELL OTHER 2. NAME OF OPERATOR	8. FARM OR LEASE NAME	
Pennzoil Explor. and Prod. Co.	Hatch 9. WBLL NO.	
P. O. Drawer 1139, Denver CO 80201-1139	2-3B1	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* 3ee also space 17 below.) At surface 1588' FNL & 1544' FWL	Bluebell-Wasatch 11. asc., T., 2., M., OR BLX. AND SENW Sec. 3, T2S, R1W	
14. PERMIT NO. 43-013-31147 18. SLEVATIONS (Show whether DF, NT. CR. etc.) 5189' GR (ungraded)	Duchense Utah	
16. Check Appropriate Box To Indicate Nature of Notice, Report, or O		
	ENT ESPOST OF:	
REPAIR WELL CHANGE PLANS (Other)	REPAIRING WELL ALTERING CASING ABANDONMENT® Derations of multiple completion on Well tion Report and Log form.) inclused the of starting any dep servers and zones perti-	
March 1986 report: 1. At 6:00AM on 3-1-86 depth was 11,160'. 2. On 3-21-86 reached TD of 13,500'. MW 15.2#, Vis 55, WL 7.2. 3. Ran Logs: DIL, BHC-wavetrain, CNL-FDC. 4. Ran 91 jts (3,549') 5 1/2", 20#, P-110, FL-45. Set and cmtd line Cmt W/,945 sks C1 "G" 35% D-66, 35% D-121, 0.2% D-46, 1.7 gal/sk Cleaneout wellbore to 13,450' inside 5 1/2" liner. Tested liner mud wt. for 30 min. Test OK. 7. Displaced 15.0# mud w/ treated production water. 8. Ran CBL-GR & CET logs. 9. Released rig and moved same off location on 4-1-86.	D-600	

TITLE _

DATE _

Wilburn Luna (303)
(This space for Federal or State office use)

ROUTING/ACTION FORM 4-7-

1	and the second s		•		, •		
SEQ	NAME		AC -	ION	······································		INITIAL
	NORM						27
	TAMI					· · · · · · · · · · · · · · · · · · ·	
	VICKY						
	CLAUDIA						
	STEPHANE					- /	
	CHARLES						
7	RULA	2					Fgy /
	MARY ALICE				······································		
	CONNIE						
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	RON			· · · · · · · · · · · · · · · · · · ·			
	JOHN						
	GIL						
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2	PAM	4					De

NOTES:

ACTION CODE
1. DATA ENTER
2. FILM
3. POST
a. CARD FILE
b. FILE LABEL
c. LISTS
4. FILE
5. RELOCATE FILE OR CARD
6. DECISION
7. PRÉPARE LETTER
12. OTHER - SEE NOTES

DOUBLE "D" ENTERPRISES





DIVISION OF OIL, GAS & MINING

B.O.P. TEST PERFORMED ON (DATE) 3-17-86
OIL CO: Pennzoil
WELL NAME & NUMBER HOTCH 2-3-BI
SECTION 3
TOWNSHIP aw
RANGE 15
COUNTY DUCHESPE
DRILLING CONTRACTOR Parker Drilling 163
INVOICES BILLED FROM: DOUBLE "D" ENTERPRISES, INC. 213 Pine Street - Box 560 Shoshoni, Wyoming 82649 Phone: (307) 876-2308 or (307) 876-2234
TESTED BY: DOUBLE "D" ENTERPRISES, INC. 608 N. Vernal Ave. Vernal, UT 84078 Phone: (801) 781-0448 or (801) 781-0449 OIL CO. SITE REPRESENTATIVE. Harlen Collier
RIG TOOL PUSHER
TESTED OUT OF Dernal
NOTIFIED PRIOR TO TEST: Arlene Sollis Divison of Oil, Gas, Mining
COPIES OF THIS TEST REPORT SENT COPIES TO: Penn201
Parker
State
BLM
ORIGINAL CHART & TEST REPORT ON FILE AT: Dernal OFFICE

DOUBLE "D" ENTERPRISES, INC. P.O. Box 560 Shoshoni, Wyoming 82649 307-876-2308

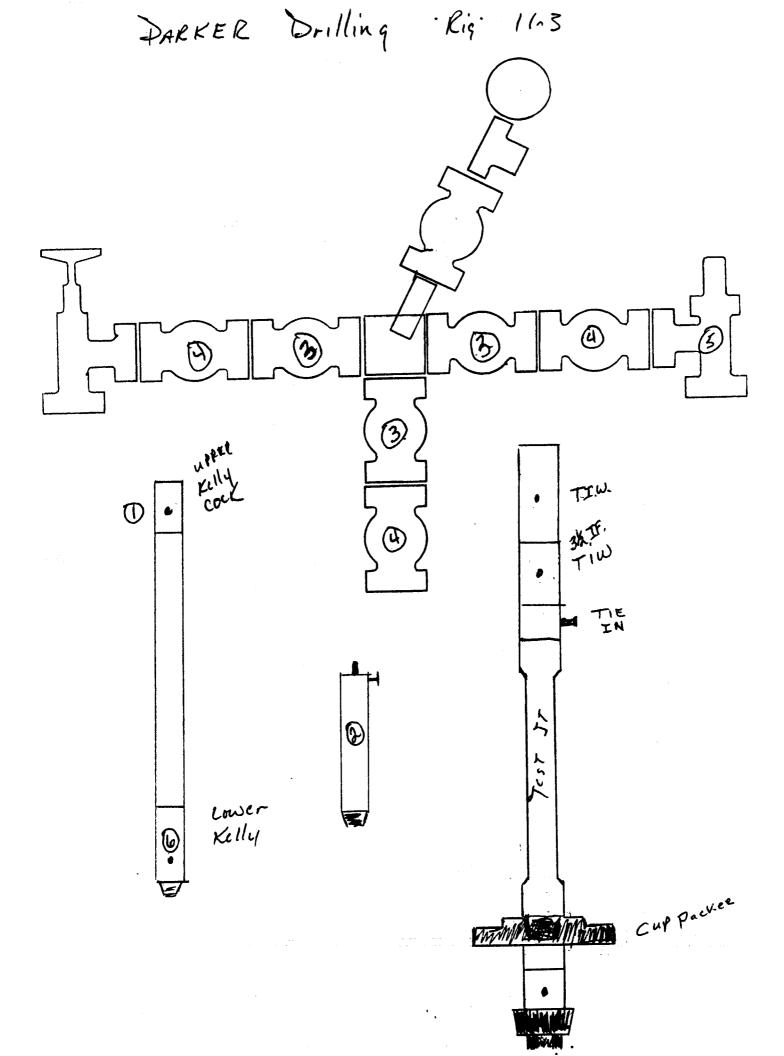
DELIVERY TICKET

 $N^{\underline{0}}$

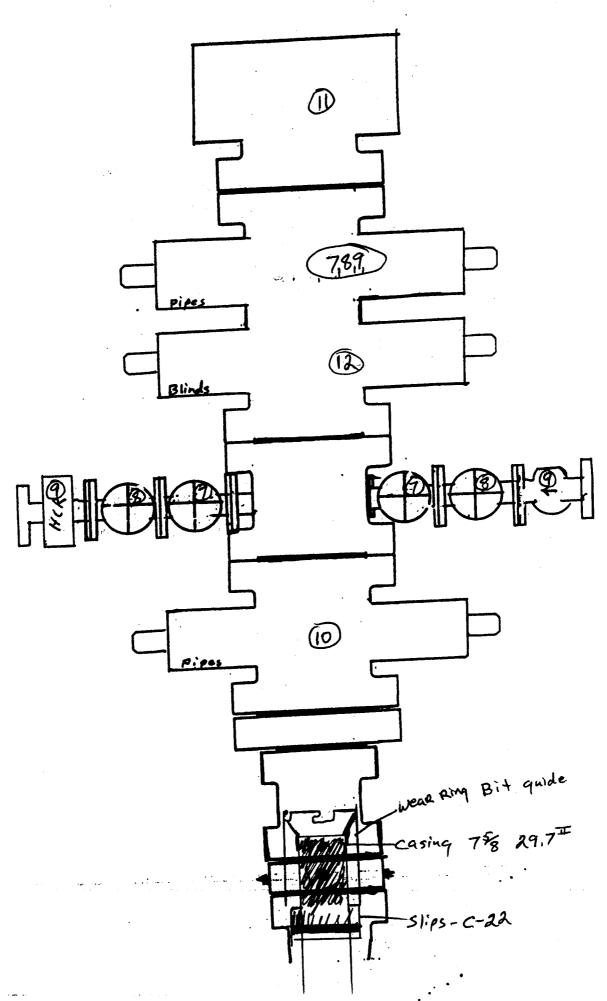
3745

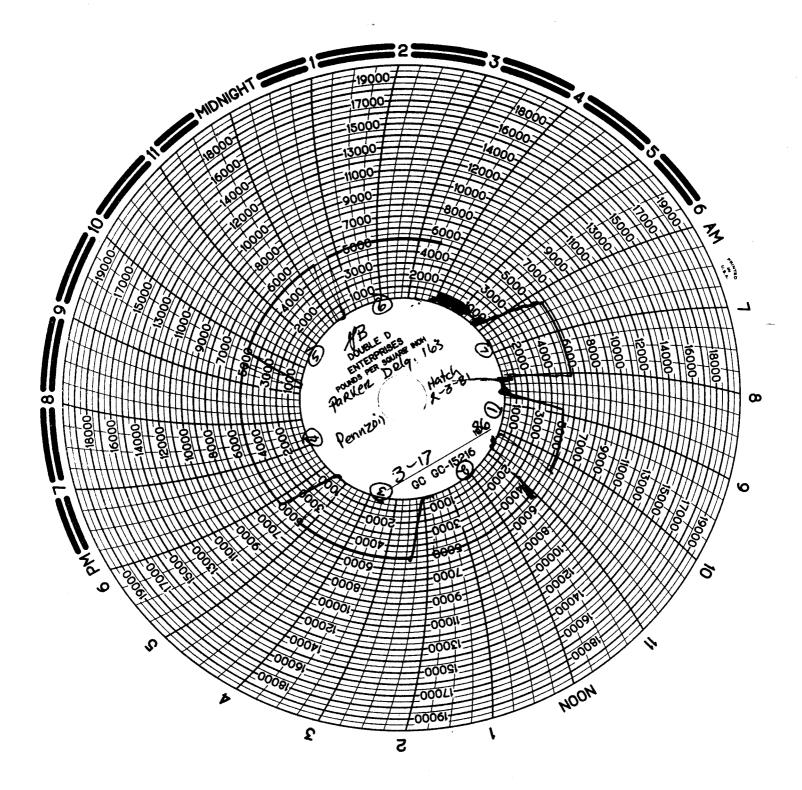
ndered By 1921 Duckesi		ER Lease .	3 1	ownship_2	1 No/4	Range / S
ems Tested:	Low Test	Time Held	High Test	Time Held	ωV	Comments
p Pipe Rams			4500	TOMIN	OV	
ottom Pipe Rams			4500		2/	
ind Rams			4500		AU	
nualar B.O.P.			2500		1/2	,
oke Manifold			5000	15 min	OK	
ooke Line	· · · · · · · · · · · · · · · · · · ·		5000	-10	01	
ll Line			45 000	10 min	OK	
per Choke			5000	15 min	OK	
per Kelly			5000	10 Min	OH	
wer Kelly			5000	15 MIM	DK.	
or Valve			45000	10 min	OK	
ort Valve			45000	15 MIM	OK	
"W		•	45000	10 min	No	

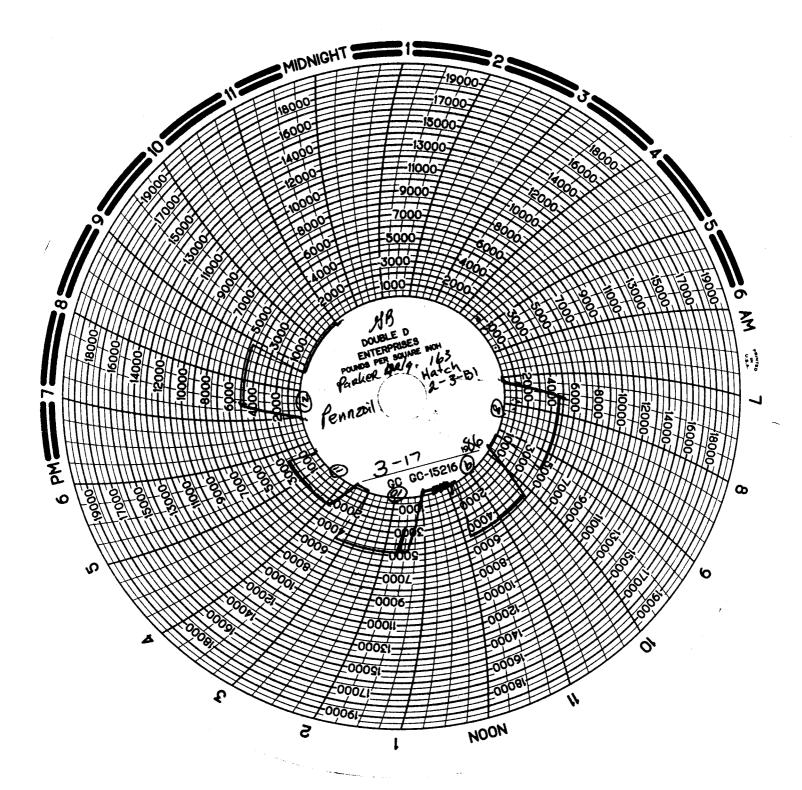
150	DATE FITEST RIG # AND NAME
COMPANY	
Pennzoil H	atch 2-3-B1 3-1784 Parker *163
EST# TIME	
1:45 pm	Arrived on Location
	د الله بيد بيد بيد مه بيد
0	upper kelly Cock
1:53-2:03	5000 PSi OK
(2)	Dart Value
a:35-a:50	50,00 ok
3	1st set manifold values
2:53-3:08	5000 OK
0	and set ""
	5000 OK
5	Super Choke
	5000 OK
© 123	Lower Kelly Ock 5000 ok Pratripping out of hole
3;47-4:03	5000 OK Protripping out of Note upder Dipes-15+Kill value-1st choke value fix
8	upper Dipes-and TIW-and Kill-I choke value
9)	upper pipes-TW-HCR-Check value
10:45-10:55	4500 ok
(10)	Lower Dides
7:04-7:14	4500 OK
	Hudril-TIW
7:15-7:25	2500 OK
(13)	Bird
7:31-7:41	4500 OK
	La or A Licket
	spool up-make out ticket
الته خين منه عنه جي	
	•



7 :KER Drilling 113







APR 1 5 1986

B.O.P. Test Report

DIVISION OF OIL, GAS & MINING

B.O.P. TEST PERFORMED ON (DATE) 3/13/86
OIL CO. PENNZOIL
WELL NAME & NUMBER NORLING 2-9B1
SECTION 9
TOWNSHIP 5
RANGE I W
COUNTY Dychesne, Utah
DRILLING CONTRACTOR MONTGOMERY 32
INVOICES BILLED FROM: DOUBLE "D" ENTERPRISES, INC. 213 Pine Street - Box 560 Shoshoni, Wyoming 82649 Phone: (307) 876-2308 or (307) 876-2234
TESTED BY: DOUBLE "D" ENTERPRISES, INC. 608 N. Vernal Ave. Vernal, UT 84078 Phone: (801) 781-0448 or (801) 781-0449
OIL CO. SITE REPRESENTATIVE JACK WARR
RIG TOOL PUSHER CLEO Lyman - Phil Boyles
TESTED OUT OF UERNAL
NOTIFIED PRIOR TO TEST:
COPIES OF THIS TEST REPORT SENT COPIES TO: CO. MAN. BLM STATE
Montgomery
ORIGINAL CHART & TEST REPORT ON FILE AT: UERNAL OFFICE

DOUBLE "D" ENTERPRISES, INC.

5.0: Box 560 Sheehoni, Wyoming \$264 307-878-2308 **DELIVERY TICKET**

Nº 3744

Wann Range _ Township Items Tested: Comments Time Held High Test Time Held Low Test DK Top Pipe Rams OK 5000 **Bottom Pipe Rams** OK 5000 **Blind Rams** 500 Annualar B.O.P. Choke Manifold 5000 Choke Line Kill Line

Closing Unit Psi 3000 Closing Time of Rams 6 Sec Closing Time of Hydril 19 sec

Closed Casing Head Valve 45 Set Wear Sleeve 45

000

5000

5000

5000

5000

OK

OK

OK

____n

Super Choke

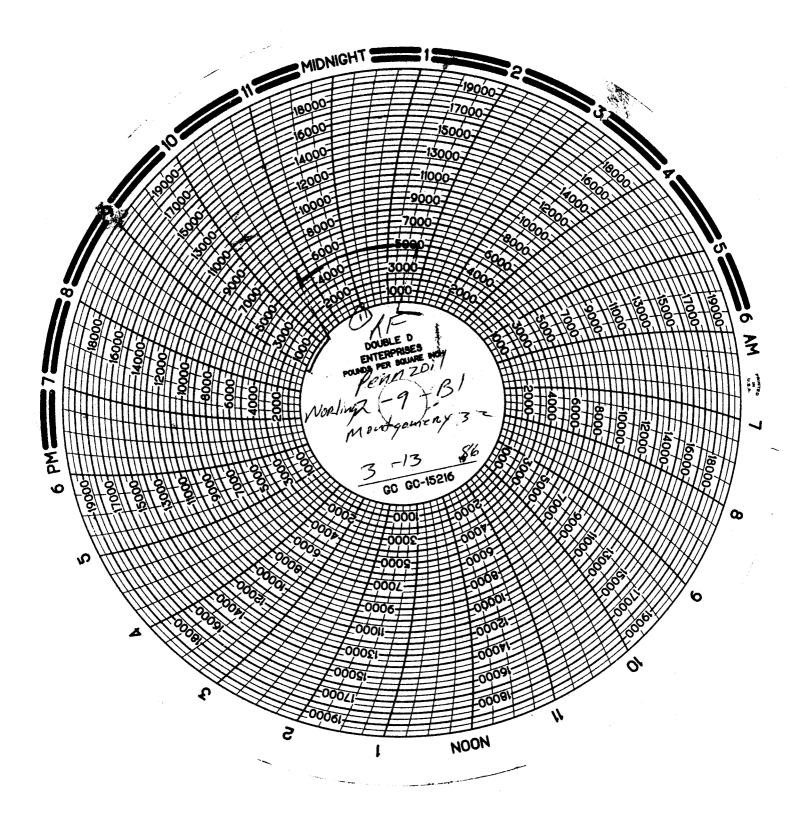
Upper Kelly

Lower Kelly

Floor Valve

Dart Valve

		DATE OF TEST	RIG # AND NAME
COMPANY	EASE AND WELL NAME #		
PENNZOIL /	VORLING 2-9BI	3/13/86	Monttomery 3.
TEST# TIME	7		105 Fol D
11-65-1622	13T SET MANY	ALD ON THU	4701.1000
(V) [60] 150	300 Low 5000	High	od e e 1
61102/140			756
11/20 15 170F	Switch DALDES	, work suf	erchone,
9 1640-1100	Switch UALUES TEST SUPERCH	WhE W/3Ka	SEL NALDES.
17/1/20	Switch UALUES	1851 475	£
W 1405-1145	Change out	SETS DIPE	RAMS, 4PJ+
1725-1920	CHANGE OUT TO CUPPACKER, FIL	ols mAh	EUPS SET
	CH Property	1 STACK &	ProplyE
	CULPACIENT	IDE RAMS	TIW, 131
(5) 1930-1950	TEST UPPER I	MANUALC	hoke.
	MILL WALLES	DE PAMS 2	NO KILLE HCR
(b) 1950-2010	1551 LOWER	Dine KAMS	: CLART VALUE
9 2010-2030	WORK HYDOIL	The said the	mey LINES
2630-2100	WORK THE		
8 2100-2120	JEST Hydril Switch scours	7.7	3/ind RAMS
(9) 2120-2150	Switch scouke	<u>E5, 1. E5.11</u>	
	E V V J E		I do not took so
2150-2350	PULL CUPPAC MAKE UP TOOLS WEARRING, UP I	BEK, DYEATI	1000 EST
	MAKE UP TOOLS	103E1, WEL	1/2/2/2017
	WEARRING, UP 1	ELLY & MA	102 11
(10 2350-0010			7 5 6 0001
2010-2050	RUNCADING 1	ESI, LOAD	JUL & DPW
	40		Fax box
1250-	MAKE out ticks	t & FRAUEL	1001201
200-			رسی در بر در
	Test Two at sn	<u> </u>	د. و الدور بيده شديد شهر جيها پيدار جيل جيل جيلي شور شهر جيد شهر جيد ماه شهر جيد ش
10:00-10:16	5000 PS/ O	<u> </u>	ه - مده خود و در همر سره شوه شوه جود جود حود شوه سول شوه شوه شوه خود در سره مرد ه
10.00 10.11 An		ہ سرد میں میں میں میں میں میں جو جو سو میں میں میں اپنی ایس نہیں ہیں میں میں	هند خود که و است شدن شدن در وی سود بیشت بیشت بیشت نمیت شدن شدن بیشت بیشت شدن بیشت شدن بیشت شدن بیشت
		ب سبق جنب جنال خديد جنت جنت خيب شيع بانجار جنب خانل نجيب جنب نشد	د به بنده سی بیدن مید سید چید شده سیم ندی کند سید میدن شده شده شده سید سید بند، نیر
			,
			د. جه خد دن چن جب چه چه چه چه چه چه چه خو خو خو خو خو خو خو خو
			سه منه چې د پې د پ
			, , , , , , , , , , , , , , , , , , ,
	من مين شي شي مين دي دي دي ميد ميد ميد است ميار است اين ميد است است اين ميد شيد ميد اين ميد اين ميد	ر خدی جدین بخدی نمین هفت شدن شری شدن نمین الله همی باشد همی باشد نمین باشد است.	ه د هنی فران بین مدر شور شور شور بین مید بین شور بین شور بین مید بین مید بین مید
ميد هند مره من		ر احت حراء هيرو حيزيا هيو. حيث حصر خرج حسر حيار حيان خرات خرب احيت خريب اخت خريب اخت خريب	



PENNZOIL EXPLORATION AND PRODUCTION COMPANY

P.O. DRAWER 1139 • DENVER, COLORADO 80201-1139 • (303) 832-6060

May 8, 1986

State of Utah, Department of Natural Resources Division of Oil, Gas and Mining 355 West North Temple 3 Triad Center, Suite 350 Salt Lake City, UT 84180-1203 1088 (1.1 YAN) 288

DIMISION OF OIL, GAS & MARRIES

Re: Monthly Operations Report for:

Hatch 2-3B1 SENW Sec. 3, T2S-R1W Duchesne County, Utah Norling 2-9B1 SWSW Sec. 9, T2S, R1W Duchesne County, Utah

Gentlemen:

Enclosed please find the original and three (3) copies of your Form OGCC-1B "SUNDRY NOTICES AND REPORTS ON WELLS" for captioned operations. The captioned operations reports for the above wells are for April 1986.

Should there be any question, please contact the undersigned at (303) 832-6060.

Sincerely,

PENNZOIL EXPLORATION AND PRODUCTION COMPANY

Wilburn L. Luna

District Drilling Superintendent

WLL/dds

Enclosures - 8

SUBMIT TRIPLICATES (Other aistructions on reverse side)

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES

SUNDRY NOTICES AND REPORTS ON WELLS (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. (De not use this form for proposals to drill or to deepen or plug back to a different reservoir. (De not use this form for proposals to drill or to deepen or plug back to a different reservoir. (De not use this form for proposals to drill or to deepen or plug back to a different reservoir. (De not use this form for proposals to drill or to deepen or plug back to a different reservoir. (De not use this form for proposals to drill or to deepen or plug back to a different reservoir. (De not use this form for proposals to drill or to deepen or plug back to a different reservoir. (De not use this form for proposals to drill or to deepen or plug back to a different reservoir. (De not use this form for proposals to drill or to deepen or plug back to a different reservoir. (De not use this form for proposals to drill or to deepen or plug back to a different reservoir. (De not use this form for proposals to drill or to deepen or plug back to a different reservoir. (De not use this form for proposals.) (De not use this form for proposals. (De not use this form for proposals.) (De not use this form for proposals. (De not use this form for proposals.) (De not use this form for proposals. (De not use this form for proposals.) (De not use this form for proposals. (De not use this form for proposals.) (De not use this form for proposals. (De not use this form for proposals.) (De not use this form for proposals. (De not use this form for proposals.) (De not use this form for proposals. (De not use this form for proposals.) (D	DIVISIO	5. LEASE DESIGNATION AND SERIAL NO. ML - 13918 6. IF INDIAN, ALLOTTES OR TRIDE NAME	
THE WALL OFFERS THE OFFERS THE STATE OF CONTROL THE STATE OF CO	(Do not use this form for propos Use "APPLICA	CES AND REPORTS ON WELLS als to drill or to deepen or plug back to a different TION FOR PERMIT—" (or such proposals.)	reservoir.
P. O. Drawer 1139, Denver, CO 80201-1139 P. O. Drawer 1139, Denver, CO 80201-1139 P. O. Drawer 1139, Denver, CO 80201-1139 OIL GAS & MINING II. Fills and Foot, On Williams OIL GAS & MINING II. Fills and Foot, On Williams II.		The state of the s	7. UNIT AGREMENT HAMB
2-381 2-381 2-381 3-2-381	2. NAME OF OPERATOR		S. PARM OR LEASE NAME
P. O. Drawer 1139, Denver, CO 80201-1139 Secretary of the Higher Industrial and Control of the Control of th			
15.88 FNL & 1544 FWL OIL GAS & MINING 1588 FNL & 1544 FWL OIL GAS & MINING 11. SECULT. M. OO REC. AND SERVING SERVING 12. SECULT. M. OO REC. AND SERVING SERVING 13. COUNTY OF PARTY OF		r (0.80201-1139 MAY L	A CARRY TOWN
1588' FNL & 1544' FML OIL GAS & MINING DIRECTIVE WAS SECURED TO BE ALTER CASING WHICH SECURE TRANSPORT AS A SECURE TRANSPORT TO SECURE TRANSPORT AS A SECURE TRANSPORT OF SECURE TRANSPORT AS A SECURE TRANSPORT OF SECURE TRANSPORT AS A SECURE TRANSPORT TRANSPORT OF SECURE TRANSPORT OF			
SERVE OF SHALE STATE STATE OF THE STATE OF T	At surface		2 MAINING DIVERENT - WASAUCTI
14. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data SOTICE OF INTENTION TO: THAT WATER SUBTORY PACTURE TRAINING WALL ALTERIA WALL ALTERIA WALL ALTERIA CASHING PACTURE TRAINING WALL ALTERIA CASHING CHAPTE PARK INCOMPANY ALTERIA CASHING PACTURE TRAINING WALL ALTERIA CASHING CHAPTE PARK INCOMPANY ALTERIA CASHING PACTURE TRAINING WALL ALTERIA CASHING ALTERIA CASHING PACTURE TRAINING WALL ALTERIA CASHING PACTURE TRAINING WALL ALTERIA CASHING ALTERIA CASHING PACTURE TRAINING WALL ALTERIA CASHING ALTERIA CASHING PACTURE TRAINING WALL ALTERIA CASHING	1388, FINE & 1344, FWE		SENW Sec. 3 T2S, R1W
Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data NOTICE OF INTENTION TO: THEST WATER SENT-OFF PULL OR ALTER CASING WILTIPLE COMPLETE ASSAURCH SET THAT SHORT OR ACTURE TREAT SHORT OR ACTURE TREATMENT EXPLAIN WILL SHORT OR ACTURE TREATMENT REPAIR WILL CHANGE PLANS C	16. FERMIT NO.	1	
THE WATER SENT-OFF PULL OR ALTER CARING MULTIPLE COMPLETE ARADON* CHANGE PLANS CH		<u> </u>	
THEST WATER SHITTOFF POLL OR ALTER CARINO MULTIPLE COMPLETE ARADON* PRACTURE TRACT SHOOT AN ACTURE ARADON* SEPARA WELL Glober) 11. DECRETE COMPLETE ON COMPLETE OF STATE CARRON APPRIL 1986, operations report 12. April 1986, operations report 13. Finished moving rig off location. 2. 4-2 through 4-26-86, building tank battery 3. On 4-26-86 MI & RU completion unit. 4. TIH w/ mill on 2 7/8", 6.5#, N-80, EUE (AB modified) this & clean out they to 13,459' by tubing tally & POH. TD: 13,500' PBTD: 13,459' 18. I berest certiff that the content of the co	16. Check Ap	propnate Box To Indicate Nature of Notice	
PRACTURE TREAT SHOOT OR ACIDIEE REPAIR WELL CORPOT MORTHLY DEPORTED ON ACIDIES REPAIR WELL CORPOT MORTHLY DEPORTED ON ACIDIES REPAIR WELL CORPOT MORTHLY DEPORTED ON ACIDIES APPROVED BY CORPOT MORTHLY DEPORTED ON ACIDIES CORPOT MORTHLY D	NOTICE OF INTER	FIGH TO:	
April 1986, operations report 1. Finished moving rig off location. 2. 4-2 through 4-26-86, building tank battery 3. On 4-26-86 MI & RU completion unit. 4. TIH w/ mill on 2 7/8", 6.5#, N-80, EUE (AB modified) tbg & clean out/tbg to 13,459' by tubing tally & POH. TD: 13,500' PBTD: 13,459' 18. I bereey result: 'Dana the foregoing is 100 and copyect account of the control of t			
(Other) (Ot	 		
17. Defaction or Constitute Operations (Clearly state all pertinent derails, and give			
April 1986, operations report 1. Finished moving rig off location. 2. 4-2 through 4-26-86, building tank battery 3. On 4-26-86 MI & RU completion unit. 4. TIH w/ mill on 2 7/8", 6.5#, N-80, EUE (AB modified) tbg & clean out tbg to 13,459' by tubing tally & POH. TD: 13,500' PBTD: 13,459' 18.1 beredy certify that the foregoing is trop and correct BIGNED Within 1 Lines 303-832-6060' (This space for Frderal or State oddes use) Approved BT TITLE DATE		Comp	election of Recompletion Report and Log torm.
2. 4-2 through 4-26-86, building tank battery 3. On 4-26-86 MI & RU completion unit. 4. TIH w/ mill on 2 7/8", 6.5#, N-80, EUE (AB modified) the & clean out the to 13,459' by tubing tally & POH. TD: 13,500' PBTD: 13,459' TB: 1 bereby cerus: they the foregoing is took and correct District Drilling Superintendent BIGNED William 1 Unit 303-832-6060 (This space for Federal or State office use)	•		eport
3. On 4-26-86 MI & RU completion unit. 4. TIH w/ mill on 2 7/8", 6.5#, N-80, EUE (AB modified) thg & clean out thg to 13,459' by tubing tally & POH. TD: 13,500' PBTD: 13,459' 18. I hereby certify that the foregoing is trid and correct District Drilling Superintendent DATE 5/8/86 (This space for Federal or State office use)			•
4. TIH w/ mill on 2 7/8", 6.5#, N-80, EUE (AB modified) the & clean out the to 13,459' by tubing tally & POH. TD: 13,500' PBTD: 13,459' 18. I bereby certify than the foregoing is trib and correct BIGNED William T Tuna 303-832-6060 (This space for Federal or State office use) APTROVED BY TITLE DATE	2. 4-2 through 4-20-60,	bullaring tank battery	
TD: 13,500' PBTD: 13,459' 18. I hereby certify than the foregoing is trish and correct SIGNED William 1. Luna 303-832-6060 (This space for Federal or State office use) APPROVED BY DATE DATE	3. On 4-26-86 MI & RU c	ompletion unit.	·
PBTD: 13,459' 18. I hereby certify than the foregoing is truly and correct SIGNED William 1 - Luna 303-832-6060 (This space for Federal or State office use) APTROYED BY DATE DATE	4. TIH w/ mill on 2 7/8 tubing tally & POH.	", 6.5#, N-80, EUE (AB modified)) tbg & clean out %tbg to 13,459' by
SIGNED WILDING JUNE 303-832-6060 (This space for Federal or State office use) APTICVED BY DATE DATE			
SIGNED WILDING JUNE 303-832-6060 (This space for Federal or State office use) APTICVED BY DATE DATE	•		
SIGNED WILDING JUNE 303-832-6060 (This space for Federal or State office use) APTICVED BY DATE DATE			
SIGNED WILDING JUNE 303-832-6060 (This space for Federal or State office use) APTICVED BY DATE DATE			
APPROVED BY DATE	BIGNED WILDIAM IN TUNA	District Drilling	Superintendent 5/8/86
	(This space for Federal or State of	ce use)	
	APPROVED BY		DATE

DOUBLE "D" ENTERPRISES

AUG 19 1986

B.O.P. Test Report

082016

DIVISION OF OIL, GAS & MINING

B O.P. TEST PERFORMED C	N (DATE) Z-18-	84	
ou as Dennze	oil		
WELL NAME & NUMBER	tatch a-	3-BI	
TOWNSHIP 2W		***************************************	
RANGE 15			
COUNTY Duche	sne		
DRILLING CONTRACTOR	Parker Dr	illing 163	
INVOICES BILLED FROM:		ISES, INC.	
	DOUBLE "D" ENTERPR 608 N. Vernal Ave. Vernal, UT 84078 Phone: (801) 781-0448 or	r (801) 781-0449	
RIG TOOL PUSHER		••••••	
NOTIFIED PRIOR TO TEST:			
COPIES OF THIS TEST REP	ORT SENT COPIES TO:	Pennzoil	* * * *
		Parker Dr	illing Utah
		State of 1	ltah
ORIGINAL CHART & TEST F	REPORT ON FILE AT:	Vernal	OFFICE

D" ENTERPRISES, INC. P.O. Box 560 Shoshori, Wyoming 82649 307-876-2308 **DOUBLE "D"**

DELIVERY TICKET

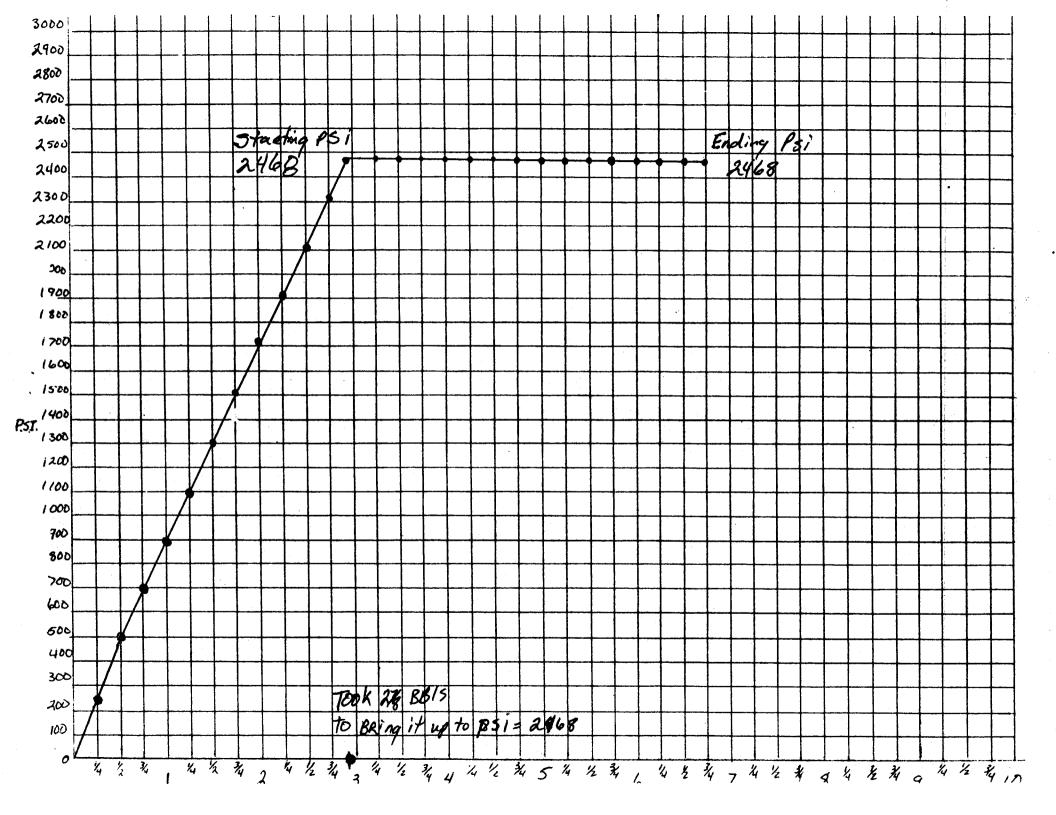
2-18-86

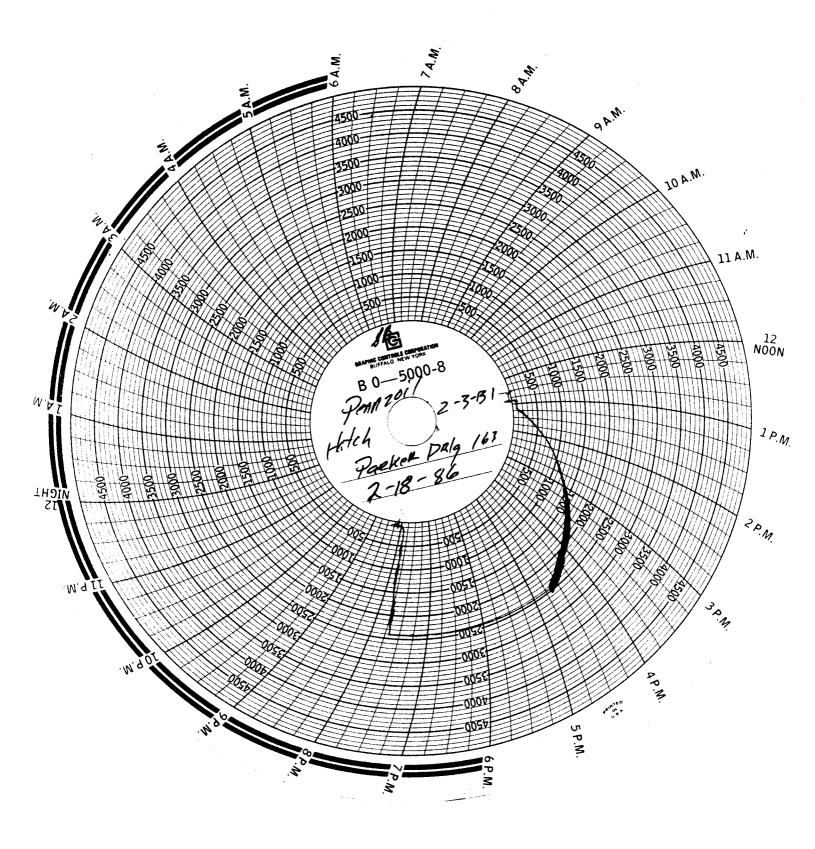
 $N^{\underline{0}}$

3667

Ordered By Haskin Collice Lease Hatch Well No. 2-3-8) Duckesne Which Section 3 Township 2 w Range 5 Items Tested: Low Test Time Held High Test Time Held Comments Top Pipe Rams Bottom Pipe Rams Blind Rams Annualar B.O.P. Choke Manifold Choke Line Kill Line Super Choke Upper Kelly Lower Kelly Floor Valve Dart Valve Dart Valve J.T. Test Well No. 2-3-8) Range 5 Range 7 Range 15 Rang	Operator Pen	nzoil	Cor	ntractor Pa	akea I	Jala Rig	No163
Items Tested: Low Test Time Held High Test Time Held Comments Top Pipe Rams Bottom Pipe Rams Blind Rams Annualar B.O.P. Choke Manifold Choke Line Kill Line Super Choke Upper Kelly Lower Kelly Floor Valve Dart Valve AT. Test Low Test Time Held High Test Time Held Comments Comments Time Held Comments	at land	in Collie	€Lease	Hatch	We	ell No. 2-	<u>3 - B)</u>
Low Test Time Held High Test Time Held Comments Top Pipe Rams Bottom Pipe Rams Blind Rams Annualar B.O.P. Choke Manifold Choke Line Kill Line Super Choke Upper Kelly Lower Kelly Floor Valve Dart Valve Attack Attack Time Held High Test Time Held Comments Time Held	~	while	Section	3	Township	<u> </u>	ge / 5
Bottom Pipe Rams Blind Rams Annualar B.O.P. Choke Manifold Choke Line Kill Line Super Choke Upper Kelly Lower Kelly Floor Valve Dart Valve A.T. Test Super Mand wt 15th Help	Items Tested:	Low Test	Time Held	High Test	Time Held	c	omments
Blind Rams Annualar B.O.P. Choke Manifold Choke Line Kill Line Super Choke Upper Kelly Lower Kelly Floor Valve Dart Valve A.T. Test A468 ISmin Eq. Mud wt 15th Help	Top Pipe Rams				_		
Annualar B.O.P. Choke Manifold Choke Line Kill Line Super Choke Upper Kelly Lower Kelly Floor Valve Dart Valve 7.T. Test A468 ISmin Eq. mud wt 15th Help	Bottom Pipe Rams						
Choke Manifold Choke Line Kill Line Super Choke Upper Kelly Lower Kelly Floor Valve Dart Valve A.T. Test Super Choke Super Ch	Blind Rams				_		
Choke Line Kill Line Super Choke Upper Kelly Lower Kelly Floor Valve Dart Valve AT, Test 3468 Ismin Eq. Mud wt 15th Help	Annualar B.O.P.				_		
Kill Line Super Choke Upper Kelly Lower Kelly Floor Valve Dart Valve AT. Test 3468 ISmin Eq. Mud wt 15th Help	Choke Manifold						
Super Choke Upper Kelly Lower Kelly Floor Valve Dart Valve AT. Test 3468 ISmin Eq. Mud wt 15th Help	Choke Line		<u> </u>				
Upper Kelly Lower Kelly Floor Valve Dart Valve AT. Test 2468 Ismin Eq. Mud wt 15th Help	Kill Line				_ `		
Lower Kelly Floor Valve Dart Valve A.T. Test 2468 Ismin Eq. Mud wt 15th Help	Super Choke						
Dart Valve 1.T. test 2468 Ismin Eq. Mud wt 15th Help	Upper Kelly				_		
Dart Valve 1.T. test 2468 15 min Eq. Mud. wt 15th Hel	Lower Kelly						
1.T. test 2468 13 Min Eq. Mud wt 15 Hel	Floor Valve						
······································	. 1			2468	15 min	Eq. Mud	wt 15# He
Closing Unit Psi Closing Time of Rams Closing Time of Tyurn	Closing Unit Psi	800	_ Closing Time o	f Rams		-	
Closed Casing Head ValveSet Wear Sleeve	Closed Casing Head						

	4.		· · ·				
Compe	3 N 4	LEASE	· WELL #	-	Rio	/- >	DATE
ennzoil		Hatch	2-3-1	31		63 e Delg	2-18-86
	SALS.	P.S.I.	BBLS.	GALS	, ρ,	S.I.	
ARTING	P.S.I>						
1/4	10.5	250	53/4	241.5			
1/2	21	500	6	252			
2/	31.5	700	6/4	262.	5		
	42	900	6/2	273			
. 1/	52.5	1100	63/4	283.5	5		
	63	1300	7	294			
<i>A 1</i>	73,5	1510	714	304.5	5		
	84	1710	7/2	315			· ·
	94.5	1910	73/4	325.8	5		
411	105	2110	8	336			
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	126	2468	8/2	357			portion to the same state of t
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BO F. Test Report

DEC 11 1980

DIVISION OF OIL, GAS & MINING

B.O.P. TEST PERFORMED ON (DATE)	
OIL CO. Pranzalania	
WELL NAME & NUMBER	
SECTION	
TOWNSHIP2.5	
RANGE / W	
COUNTY Duchesie	
DRILLING CONTRACTOR Wastern 419	
INVOICES BILLED FROM: DOUBLE "D" ENTERPRISES, INC 213 Pirts Street - Box 560 Shoshoni, Wyoming 82649 Phone: (307) 676-2306 or (307) 676	
TESTED BY: DOUBLE "D" ENTERPRISES, IN 608 N. Vernal Ave. Vernal, UT 84078 Phone: (801) 781-0448 or (801) 781 OIL CO. SITE REPRESENTATIVE	-0449
RIG TOOL PUSHER	3
TESTED OUT OF Usenal	
NOTIFIED PRIOR TO TEST:	
l.ast.	era toulpusher
ORIGINAL CHART & TEST REPORT ON FILE AT: LACLAGE	OFFICE

DOUBLE "D

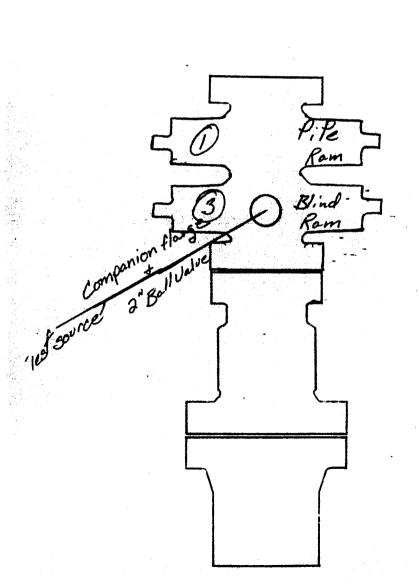
ENTERPRISES, INC. pelon, Wyoming 82649 portuge 2300 9-20-96 No.

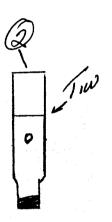
DELIVERY TICKET

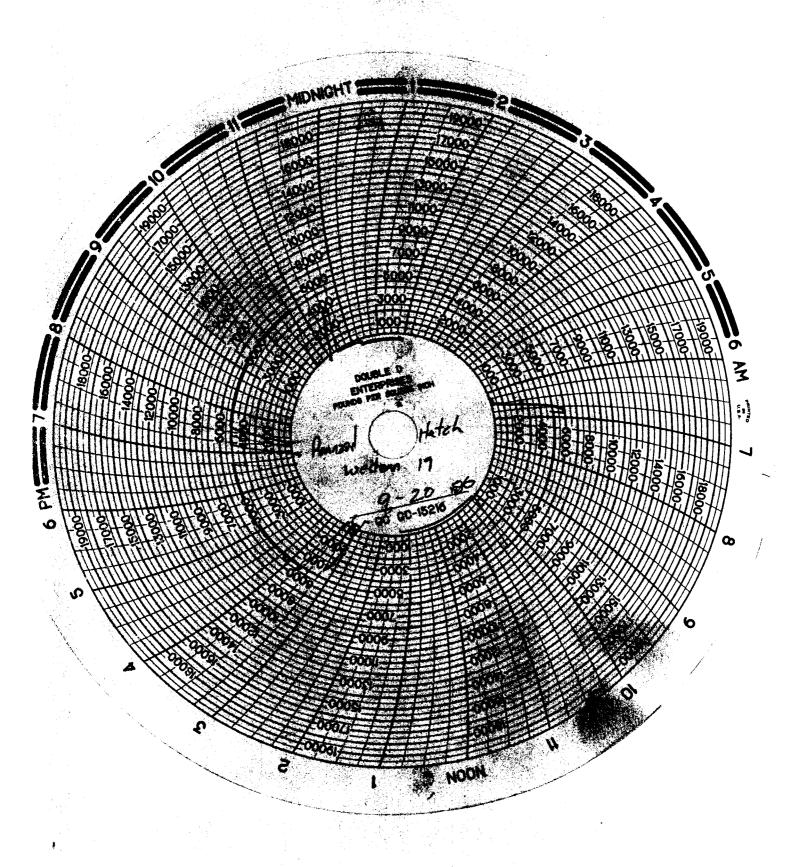
4178

Operator 16	ess Dull	ing Lease .	Hatch	Well	Rig No	/
		Section	APPENDING TO THE RESIDENCE OF THE PERSON OF	ownship	25 Range	1W
Items Tested:						
	Low Test	Time Hold	5000	Time Held	Commen	
Top Pipe Rams						
Bottom Pipe Rams			5000	15 mis	26	
Blind Rams						Harley Francisco
Annualar B.O.P.						
Choke Manifold				AMERICA PARCE		
Choke Line				Section 19 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
Kill Line						
Super Choke						
Upper Kelly						*
Lower Kelly				AT TO BEST LONG.	-/4	SARA.
Floor Valve			5000	1500	24	
Dart Valve Closing Unit Psi	一一一点 经工作工作 化二十二十二十二十二十二十二十二十二十二十二十二十二十二十二十二十二十二十二十	Closing Time of	Rgms		Time of Hydril	
Dart Valve Closing Unit Psi Closed Casing Head Comments Rates:	一一一点 经工作工作 化二十二十二十二十二十二十二十二十二十二十二十二十二十二十二十二十二十二十二十	Closing Time of	Rgms		Time of Hydril	
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Dart Valve Closing Unit Psi Closed Casing Head Comments Rates: Minimum Charge Additional Charge Mileage	一一一点 经工作工作 化二十二十二十二十二十二十二十二十二十二十二十二十二十二十二十二十二十二十二十	Set Wear	Rgms		Time of Hydril	
Dart Valve Closing Unit Psi Closed Casing Head Comments Rates: Minimum Charge Additional Charge Mileage Test Plug	1 Valve	Set Wear	Rgms		Time of Hydril	
Closing Unit Psi Closed Casing Head Comments Rates: Minimum Charge Additional Charge Mileage Test Plug Top Sub	1 Valve	Set Wear	Rgms		Time of Hydril	
Closing Unit Psi Closed Casing Head Comments Rates: Minimum Charge Additional Charge Mileage Test Plug Top Sub Kelly Sub	1 Valve	Set Wear	Rgms		Time of Hydrii	
Closing Unit Psi Closed Casing Head Comments Rates: Minimum Charge Additional Charge Mileage Test Plug Top Sub Kelly Sub Crossover Subs	1 Valve	Set Wear	Rgms		Time of Hydril	
Closing Unit Psi Closed Casing Head Comments Rates: Minimum Charge Additional Charge Mileage Test Plug Top Sub Kelly Sub	1 Valve	Set Wear	Rgms		Time of Hydril	
Closing Unit Psi Closed Casing Head Comments Rates: Minimum Charge Additional Charge Mileage Test Plug Top Sub Kelly Sub Crossover Subs	Valve	Set Wea	Rgms			
Closing Unit Psi Closed Casing Head Comments Rates: Minimum Charge Mileage Test Plug Top Sub Kelly Sub Crossover Subs Methanol Charge	Valve	Set Wea	Rgms		Time of Hydril	
Closing Unit Psi Closed Casing Head Comments Rates: Minimum Charge Additional Charge Mileage Test Plug Top Sub Kelly Sub Crossover Subs	Valve	Set Wear	Rgms			
Closing Unit Psi Closed Casing Head Comments Rates: Minimum Charge Mileage Test Plug Top Sub Kelly Sub Crossover Subs Methanol Charge	Valve All All All All All All All	Set Wea	Rgms		Sub Total	

om E	Dan V	Lease Md Well Name # Date of test Rig #
^	<u>99ny</u>	Hatch 2-381 9-20-86 # 19
t #	3017 Time	
		Acrive on Location Q 10:15 Am whit on Rig
		ToH
		Test Pos Bos
0	10:42 -10:53	5000 08
		Whit are Companion Houge To test Blind Hora
		Test flow Tim on ground
@	11:32 -11:47	5000 08
		Remove Black off Blind sams make up
		Companion floring a with 2" (talue
		Test Blind Roms
<u>(3)</u>	12:30-10:45	GOOD OK
		n. 1 4/ 6 / 10
		Rig Asson Thank you
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177. S		
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	SUBMIT IN DUPLIC	
	(See other instruct)	
STATE OF L. H	on reverse side)	
DEPARTMENT OF NATURAL RESOURCES		
DEI WILLIAM OF THE PROPERTY OF		

DI	VISION OF	OIL, GAS, AND	MINING	ì					Fee/ML	1 30	18
WELL COM	DI ETION	OR RECOM	PI FTIC)N RE	PORT A	ND	LOG	*	6. IF INDIAN	ALLOT	2710
TYPE OF WELL							And the same in	XX.	7. UNIT ACRE		
	W. E	LL X WELL	DET	HDo:	12	-	1.4	1			
TYPE OF COMPI	WORK TO DE	EP- PLTG DACK	DIFF. RESVR		4		ા	UI	S. PARM OR		NAME
NEW WELL WELL	NER L EN	DACK L	HEO.K	-88	JAN	35	988 -		9. WELL NO.	ch_	
	oil Compa	nv					05				
ADDRESS OF OPERA	TOR				DIVI	VIUIC	OF MAING		2-1	3B1	L, OR WILDCAT
P.O. 1	Box 2967,	Houston, TX	77252	2	CIL, GAS						ll Field
LOCATION OF WELL	Report locat	ion clearly and in sc	cordance t	oith dry	State require	ments	,•	1	11. sec., T.,	B., M.,	OR BLOCK AND SURVEY
At surface 15	88' FNL,	1544' FWL (S	E of N	W)				ı	OR AREA	•	
At top prod. inte	rval reported b	elow							Sec	3,T	2S,R1W
At total depth											13. STATE
At total acha-			14. PER	MIT NO.		DATE !	SUED		12. COUNTY PARISH		UT
				13 311					Duches	ne 1 19.	BLEV. CABINGHEAD
5. DATE SPUDDED	16. DATE T.D.	REACHED 17 DATE		Ready to	prod.) 18.	BLEVA	189 1	', BEB, B (('D)	T, GR, ETC.)*	1	5189'
1/12/86	3/21/86		16/86		PLE COMPL.,		23 INTE	RVALS	ROTARY TO		CABLE TOOLS
O. TOTAL DEPTH, MD 4	1	LUC, BACK T.D., MD A 1	rvib 22.	HOW MA	NY®		DRILL	LED BY	a11		1
13,500' (MI)]	12,465'(MD) IS COMPLETION—TOP.	POTTOM.	NAME (MI	AND TVD)*					2	5. WAS DIRECTIONAL SURVEY MADE
4. PRODUCING INTER	VAL(S), OF THE	is (OMPLETION—) OF		,							W-+
11,028-12,3	a/.1¹ (M⊓	D) Wasatch									Ves-Totco
6. TIPE ELECTRIC A										27.	no
DIL, BCS, (CDL/CNS,	VDL/SS, CBL	_							<u> </u>	
39.		CASI			rt all etrings	set in	well)	ENTING	RECORD		AMOUNT PULLED
CASING BIZE	WEIGHT, L	B./FT. DEPTH SE	T (MD)		E SIZE	117	O HLW				none
10-3/4	45.5	2666		14-3 9-7					stage		none
7-5/8	29.7	10315		9-7	/6		4 sks,			-	
	_						00 sks				
26		LINER RECORD		·			3 0.		TUBING REC		PACKER BET (MD)
BIZE	TOP (MD)	BOTTOM (MD)	BACKS CI	MENT.	SCREEN (M	(4)	SIZE		DEPTE SET (MD)	11870
5-1/2	9948	13497	945				2-7/	8 -	11870		- 11070
					1 00	<u> </u>	ID SHOT	FRACT	TURE, CEME	NT SQ	JEEZE, ETC.
31. PERFORATION RE	cond (Interval	, siz und number)			DEPTE IN			A	MOUNT AND K	IND OF	MATERIAL USED
-44-00			*		DEFIE IN						
see attach	leu				see a	tta	hed				
											<u>.</u>
								<u> </u>			
33.*					DUCTION		was of su	ne)	I WEL	L STAT	us (Producing or
DATE FIRST PRODUC	TIC!" P	RODUCTION METHED (Flowing, g	es lift, p	nu hud		, , , , , , . .	···•	1 4	hut-in)	cing
6/16/86	HOURS TEST	flowing	! PROD	N. FOR	01 L—BŠL .		GAS—H	C ₽ .	WATER-B		GAS-OIL BATIO
DATE OF TEST		64/64	TEST	PERIOD	44	40		140	34		1000:1
2/8/87	CASING PRE	BRURE CALCULATED		-BAL.	GAS-	-MCP.	<u> </u>	WATER		OIL	GRAVITY-API (CORR.)
50	0	24-HOUR RA	14	40		140			34		41.7
34. DISPOSITION OF	GAB (Bold, usc	for fuel, vented, etc	.)						Craig (
Sold	- Gary G	as Inc.							lorare (
35. LIST OF ATTAC	BMENTS										
logs	_A	egoing and of the ded	Informatic	n le com	piete and cor	rrect s	e determi	ned from	u ail available	e recor	de
36. I hereby certil	711:11	SKOIDE BUG ALTHOU	. III of marie								4/27/87
ν_{\cdot}	VMMI	1 les UX		*** *	Supervi	sing	<u>Engi</u> n	eer	DA	TE	-1/2//0/

*(See instructions and Spaces for Additional Data on Reverse Side)

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completed and together of lands and leases to either a Federal agency or a State agency or both, purposed to a plicable Federal and/or State laws and regulations. Any threshold instructions concerning the use of this form and the number of copies to be but in a plicable Federal and/or State laws and to local was and to local federal and/or State of the transform to the segment of the separate completions. See instructions on them 22 and 24, and 33, below regarding separate completions. See instructions on them 22 and 24, and 33, below regarding separate for separate completions. All attachments if not fled priot to the time this summary record is submitted, achieved all events by applicable Federal and/or State laws and regulations. All attachments thou and pressure leafs, and the server and pressure leafs, and the server and pressure leafs.

abouid be listed on this form, see item 35.

Hear i: If there are no applicable State requirements, locations on Federal or Indian land abouid be described in accordance with Federal requirements. Consult local State or Federal office instructions.

Federal office for appelled for an angle of the sparage of the sparage of this form and in any attachments. Then 18 and the levation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. In this well is completed for application from more than the form \$3. Submit a separate report (page) on this form, adequately identified, interval to be separately produced, aboving the additional data pertinent to such interval.

For each additional interval to be separately produced, aboving the additional data pertinent to such interval.

For each additional interval to be separately produced, aboving the additional data pertinent (See Instruction for items 22 and 24 above.)

POR MAPIBE		· · · · · · · · · · · · · · · · · · ·				
	202	NOTTON	PESCRIPTION, CONTESTS, STC.	9778	MEALE. BOTTE	TOP TABB VART. DAFTE
irst potential	5570			Green Piver	5068	
ay ase notential av	13380			Trona Mahogany Bench	6902 7600	
				Tgr 3 Vasatch Flagstaff	8751 9800 11500	·

Da

SUBMIT IN DUPLIC (See other instructon reverse side)

STATE OF STAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OUR GAS AND MINING

	TVISION OF	OIL, GAS, AN	U WINNING					Fee/ML	130	118 POU
WELL CO	MPLETION	OR RECO	MPLETION I	REPORT A	NI	100	G *			TEE OR TRIBE NA
a. TYPE OF WEL		L X GAS ELL X WELL	DRY		7171			7. UNIT AO	REEMENT	NAME
L TYPE OF COM		WELL C		Other					060	1203
NEW Y	WORK DE	EP- PLTG BACK	DIFF. CAS	NE AL	2 17	TINT.	(a)	S. FARM OR	LEASE	NAME
. NAME OF OPERAT				7)12/1	211	- //)		- H.	tch	
Pennz	zoil Compa	ny				1		9. WELL NO		
. ADDRESS OF OPER			2	MAY Z	26	1987			-3B1	
P.O.	Box 2967,	Houston, T	X 77252					_1		, OB WILDCAT
		tion clearly and in		-						1 Field
15	588' FNL,	1544' FWL (SE of NW)	OIL, GA	S & I	MINING		OR ARE	, .,, .	a spock and sou.
At top prod. into	erval reported b	elow						Sec	3.T2	S,R1W
At total depth									,	
			14. PERMIT NO.	D	ATE	SSUED		12. COUNTY PARISH	OR	13. STATE
			43 013 3					Duches		UT
		REACHED 17 DAT		o prod.) 18.				RT, GR, ETC.) *	1	LEV. CABINGHEAD
1/12/86	3/21/86	UG. BACK T.D., MD A	/16/86	TIPLE COMPI		5189'		ROTARY TO		CABLE TOOLS
13,500' (MI	1	.2,465'(MD)	ноw м	TIPLE COMPL.,			LED BY	all	1	
		S COMPLETION—TOR	, BOTTOM, NAME (1	MD AND TVD)*	!		->	.06	25	WAS DIRECTIONA SURVEY MADE
							ار	086		SUBVEL RADE
11,028-12,3			4			0	4		, , , _	s-Totco
TYPE BLECTRIC A			Pressure!	profile a	ma	BHC	Sail	ره.	27. ₩4	WELL CORED
	CDL/CNS, V	DL7SS, CBL	Matalus	Mag		BHC	Was	vetrain		no
CASING SIZE	WEIGHT, LB		ING RECORD (Rep	ort all strings	set in		ENTING	RECORD		AMOUNT PULLED
					1 / 7/				—- ·	
10-3/4 7 - 5/8	45.5 29.7	2666 10315	14-					O Cl A t stage	·	none none
7-310	23.1	10313		770				stage		
				-		00 sks				
,	:	LINER RECORD				30.		TUBING REC	ORD	
BIZE	TOP (MD)	BOTTOM (MD)	SACES CEMENT	SCREEN (MD)	SIZE		DEPTH SET (MD)	PACKER SET (MD
5-1/2	9948	13497	945		-	2-7/	8	11870		11870
. FERFORATION REC	ORD (Interval.	in and number)	1	1 00	1	D SUOT	ED A CO	MIDE CENEY	M COTTE	FOR EAC
	(11111111111111111111111111111111111111	,		B2.			,	TURE, CEMEN		
see attache	ed							IOUNI AND WI		
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3.° ATS FIRST PRODUCT:	IC# ! P20	DUCTION METHOD (DUCTION	ad tu	ne at nu =		1	9747119	(Producing or
6/16/86	1.40	flowing	יען זינור שטען נעוויוייייייייייייייייייייייייייייייייי			puo, puo	- - -;	ah:	oduci	· •
ATE OF TEST	HOURS TESTED		PROD'N. FOR	OIL—SAL.		GAS-MC	T.	WATER-BE		AS-OIL BATIO
2/8/87	24	64/64	TEST PERIOD	440		1	40	34	ŀ	1000:1
OW. TUBING PRESS.	CASING PRESS	URE CALCULATED	OIL-BBL.	GAS-M	CF.		WATER-	-BBL.	OIL GR	AVITY-API (CORR.)
50	0	~~~	140	1 1	40			34	<u> </u>	41.7
	•	or fuel, vented, etc.)						TEST WITHE		
Sold -	- Gary Gas	inc.						Craig Go	uar10	:11
logs										
1 hereby certify	that the forego	ics and after fed i	nformation is comp	lete and correc	t As	determine	d from	ail available	records	· · · · · · · · · · · · · · · · · · ·
	Just 1.	<i>1 ; -</i>								
SIGNED/CW	- WULX. 1	well-	TITLE	Supervisi	ng i	Engine	er	42 × 400	Tr	4/27/87

	$\nabla \omega \theta$	
COMPANY: PENNZOIL	UT ACCOUNT #SI	JSPENSE DATE:
	TELEPHONE CONTACT DOCUMENTATION	WELL NAME: <u>HATC# 2-381</u> API #: <u>A301331/47</u>
CONTACT NAME: RALPH L		SEC, TWP, RNG: 3 25 /W
CONTACT TELEPHONE NO.: 7/3	-546-8190	10 · · · · · · · · · · · · · · · · · · ·
SUBJECT: REQUEST LOG	TOPS	Ralph Williams - 713-546-8190
		1713-546-8190
	(Use attachments if necessary)	LOG TOPS
RESULTS: WILL SEND 2	-06 TOPS	WILL SEND
		COPY OF
		BACK OF
		WCR RIGHT
	(Use attachments if necessary)	AWAY.
CONTACTED BY: UC		UC 0 1.27
DATE: 1-11-87		3, 6,

Drilling and Completion Reports

Hatch #2-3B1

Sec. 3 - T2S - R1W

Duchesne County, Utah

Pennzoil

DW-UTAH-DUCHESNE-PZL-•HATCH #2-3B1• PC 99.27505% - PD 13,500' - WASATCH

LOCATION: NW/4 - SECTION 3 - T2S - R1W - PARKER RIG #163

1-6-86: Location and road completed - Set & cmtd 20" conductor pipe @ 100' - Rig move in delayed due to snowstorm

1-7-86: Started MIRT in bad weather

1-8-86: MIRU Rotary tools

1-9-86: Continue MIRT & RURT

1-10-86: MI & RURT

1-11-86: RURT

1-12-86: RURT

1-13-86: Td 535' - Made 408' in 13 1/4 hrs - Drl - SH - Fr. wtr - Dev 1/4 deg @ 356', 0 deg @ 441' and 1 deg @ 532' - KDB to GL 27.50' - SPUD @ 3:45 pm on 1-12-86 - ECTD \$32,196.00.

- 1-14-86: TD 1555' Made 1140' in 20.5 hrs Drl Duchesne River MW 8.6 Vis 31 Dev 1/4 deg @ 594', 1/4 @ 687', 1/4 @ 780', 3/4 @ 871', 1/4 @ 937', 3/4 @ 1028', 1 @ 1244', 1/4 @ 1338', and 3/4 @ 1461' 2 drl days ECTD \$88,048.00.
- 1-15-86: TD 2415' Made 860' in 21 3/4 hrs Drl SD/SH MW 8.7 Vis 31 :- Dev 3/4 deg @ 1585', 3/4 @ 1957', 1/4 @ 2080', 3/4 @ 2202', 3/4 @ 2325' ECTD \$119,141.00.
 - 1-16-86: TD 2668' Made 253' in 13 3/4 hrs Circ killing wtr flow Shale MW 9.1 Vis 33 Dev 3/4 deg @ 2447' ECTD \$133,193.00.
- 1-17-86: TD 2668' Made 0' Circ for csg SH MW 12.2 Vis 52 5 drl days ECTD \$149,354.00.
- 1-18-86: TD 2668' Made O' Waiting on cmt SH Ran 65 jts (2673.45') 10 3/4" 40.5 & 45.5# K-55 ST&C csg Set & cmt @ 2666' 6 drl days ECTD \$179,848.00.
- 1-19-86: TD 2668' Made 0' Press test BOP MW wtr ECTD \$208.038.00.
- 1-20-86: TD 2765' Made 97' in 2 1/4 hrs Drl SH MW 8.5 Vis 26 Dev 1/4 deg @ 2674' ECTD \$215,906.00.

- DW-UTAH-DUCHESNE-PZL-HATCH #2-3B1. PC 99.27505% - PD 13.500' - WASATCH
- LOCATION: NW/4 SECTION 3 T2S R1W PARKER RIG #163
- 1-21-86: TD 3755' Made 990' in 22 hrs Drl SD/SH MW 8.4 Vis 26 Dev 1/2 deg @ 2990', 1 @ 3170' & 1/4 @ 3509' 9 drl days ECTD \$278,611.00.
- 1-22-86: TD 4565' Made 810' in 22 1/2 hrs Drl SD/SH MW 8.4 Vis 26 Dev 3/4 deg @ 3819' & 1 deg @ 4254' 10 drl days ECTD \$309,500.00.
- 1-23-86: TD 5275' Made 710' in 22 1/2 hrs Drl SD/SH MW 8.4 Vis 26 Dev 1/2 deg @ 4658', 3/4 @ 5063' 11 drl days ECTD \$337,051.00.
- 1-24-86: TD 5570' Made 295' in 13 1/2 hrs Drl SH MW 8.4 Vis 26 Dev 1 deg @ 5375' 12 drl days ECTD \$368,913.00.
- 1-25-86: TD 6060' Made 790' in 23 hrs Drl SD/SH/DOLO MW 8.4 Vis 27 Dev 1 deq @ 5750' 13 drl days ECTD \$388,648.00.
- 1-26-86: TD 6625' Made 565' in 23 hrs Drl SH MW 8.4 Vis 26 Dev 1/2 deg @ 6208' 14 drl days ECTD \$411,681.00.
- 1-27-86: TD 6860' Made 235' in 14 3/4 hrs Drl DOLO/SH MW 8.6 Vis 33 WL 13.6 Dev 1/4 deg @ 6701' ECTD \$424,508.00.
- 1-28-86: TD 7238' Made 378' in 22 3/4 hrs Drl GR MW 8.7 Vis 34 WL 12.6 Dev 3/4 deg @ 7192' 16 drl days ECTD \$439,611.00.
- 1-29-86: TD 7478' Made 240' in 13 1/2 hrs Drl GR MW 8.8 Vis 34 WL 10 17 drl days ECTD \$450,362.00.
- 1-30-86: TD 7824 Made 346 in 23 1/2 hrs Drl GR MW 8.8 Vis 33 WL 16.8 Dev 1/2 deg @ 7687 18 drl days ECTD \$465,319.00.
- 1-31-86: TD 8050' Made 226' in 15.5 hrs TIH GR MW 9.1 Vis 41 WL 14 Dev-Miss run @ 8050' 19 drl days ECTD \$476,750.00.
- 2-1-86: TD 8262' Made 212' in 15.5 hrs Drl DOL/SH/LM MW 9.4 Vis 44 WL 12.2 20 drl days ECTD \$486,406.00.
- 2-2-86: TD 8605' Made 343' in 23 hrs Drl SH MW 9.5 Vis 50 WL 12 Dev 3/4 deg @ 8299' 21 drl days ECTD \$500,871.00.
- 2-3-86: TD 8838' Made 233' in 16 hrs TIH SH/DOLO/LM MW 9.3 Vis 42 WL 11.4 Dev 1 1/4 deg @ 8791' ECTD \$511,087.00.
- 2-4-86: TD 9015' Made 177' in 21 1/2 hrs Drl SH MW 9.2 Vis 42 WL 12.8 23 drl days ECTD \$519,644.00.

- DW-UTAH-DUCHESNE-PZL-.HATCH #2-3B1. PC 99.27505% - PD 13,500' - WASATCH
- LOCATION: NW/4 SECTION 3 T2S R1W PARKER RIG #163
- 2-5-86: TD 9232' Made 217' in 22 3/4 hrs Drl SH/DOLO MW 9.2 Vis 42 WL 11.8 24 drl days ECTD \$530,503.00.
- 2-6-86: TD 9398' Made 166' in 17 3/4 hrs TOH SH/DOLO MW 9.9 Vis 43 WL 11.8 ECTD \$542,851.00.
- 2-7-86: TD 9560' Made 162' in 18 1/4 hrs Drl SH MW 9.9 Vis 40 WL 11.8 26 drl days ECTD \$555,477.00.
- 2-8-86: TD 9726' Made 166' in 22 1/4 hrs Drl SH/DOLO MW 9.9 Vis 43 WL 11.8 Dev 1/2 deg @ 9592' 27 drl days ECTD \$572,346.00.
- 2-9-86: TD 9859' Made 133' in 23 3/4 hrs Drl SH/SD MW 9.9 Vis 44 WL 12 28 drl days ECTD \$580,073.00.
- 2-10-86: TD 9944' Made 85' in 11 3/4 hrs Drl SH/SD/LM MW 9.9 Vis 43 WL 12.4 Dev 1 deg @ 9878' 29 drl days ECTD \$585,240.00.
- 2-11-86: TD 10,117' Made 173' in 23 1/2 hrs Dr1 SD/SH MW 9.9 Vis 48 WL 11 30 drl days ECTD \$604,138.00.
- 2-12-86: TD 10,193' Made 76' in 14 1/2 hrs Drl SH MW 9.9 Vis 42 WL 10.6 Dev 1 deg @ 10,171' 31 drl days ECTD \$612,170.00.
- 2-13-86: TD 10,313' Made 120' in 23 1/2 hrs Drl (At report time stopped drl at 7 5/8" seat will log & run pipe) -MW 10.1 Vis 44:- WL 10.8 32 drl days ECTD \$621,899.00.
- 2-14-86: TD 10,315' Made 2' in 1/4 hr Logging well w/ Gearhart (Went on day work on 2-13-86) SH MW 10.1 Vis 43 WL 10.8 33 drl days ECTD \$627,284.00.

DW-UTAH-DUCHESNE-PZL-.HATCH #2-3B1. PC 99.27505% - PD 13,500' - WASATCH

LOCATION: NW/4 - SECTION 3 - T2S - R1W - PARKER RIG #163

2-15-86: TD 10,315' - Made 0' - LD drill string to run 7 5/8" csg - MW 10.1 - Vis 43 - WL 12.8 - 34 drl days - ECTD \$650,691.00.

2-16-86: TD 10,315' - Made 0' - Cmt 7 5/8" csg - MW 10.3 - Vis 42 - WL 11.8 - 35 drl days - ECTD \$707,910.00.

Jts	0.D.	Wt.	Gr.	Conn.	Length	Top @
1	7 5/8		Guide S	Sh	2.30	10,313'
2	7 5/8	29.7	5 95	8RD LT&C	92.84	10,220.71'
1	7 5/8		Float o	collar	2.00	10,218.71'
67	7 5/8	29.7	S 95	8RD LT&C	3017.96	7204.781
1	7 5/8		DV tool		2.20	7202.58'
40	7 5/8	29.7	\$ 95	8RD LT&C	1763.9	5434.38'
127	7 5/8	29.7	N80	8RD LT&C	5440.78	KB + 6'
1	7 5/8"	29.7	N80 Cut	: &/or ldg j	t 32.00	
Above	e KB 6.00)'		•		

2-17-86: TD 10,315' - Made 0' - Press test BOP's - MW 9.8 - Vis 44 WL 16.2 - 36 drl days - ECTD \$723,797.00.

Ran 236 jts (10,315.58') 7 5/8" 29.70# N80 & S95 LT&C Set & cmt @ 10,315' KB - Centralizers @ 10,300', 10,260', 10,214', 9986', 9852', 9725', 9633', 9500', 9368', 9230', 9093', 8956', 8821', 8686', 8556', 8448', 7210', 6980', 5870', 5740' & 2600' -

1st stage calculated cmt top @ 7200' - Pre flush 40 bbls - 30 bbls spacer 3000 @ 10.6# - 10 bbls CW 100 @ 8.4# Cmt 50 sks Hilift, 3% salt - 574 sks RFC 5# D42 Kolite w/ .3% D74, .4% D65, .3% D74 & .3% D127 Bumped plug w/ 1900 PSI w/ 465.5 bbls mud - Calculated displacement 469.2 bbls - Had good circ - Float did not leak Opened DV tool w/ 900 PSI and circ 1 hr -

2nd stage calculated cmt top @ surface - Pre flush w/ 180 bbls total - 150 bbls formation water, 20 bbls spacer 3000 10.6# and 10 bbls CW 100 @ 8.4# gals - Cmt 1000 sks HiLift w/ 3% salt Tail in w/ 100 sks Cl "G" cmt - Bumped plug w/ 2600 PSI w/ 200 bbls mud and 128 bbls water - Calculated displacement 330.5 bbls - DV did not leak - Had good circ throughout second stage cementing and circulated cmt to surface - Job completed at 6:55 am 2-16-86

2-18-86: TD 10,315' - Made 0' - PU 3 1/2" DP - MW 10.2 - Vis 43 - WL 12.2 - Press test BOP, manifold, Kelly & valves to 5000 PSI Rams to 4500 PSI & Hydril to 2500 PSI - 37 drl days - ECTD \$739,458.00.

- DW-UTAH-DUCHESNE-PZL-.HATCH #2-3B1. PC 99.27505% - PD 13,500' - WASATCH
- LOCATION: NW/4 SECTION 3 T2S R1W PARKER RIG #163
- 2-19-86: TD 10,330' Made 15' in 5.5 hrs Drl SD/SH MW 10.4 Vis 39 WL 24.6 (Press test csg @ FC 1000 PSI OK Drl 5' formation Form test 2468 PSI Eq to 15 PPG mud OK) 38 drl days ECTD \$759,486.00.
- 2-20-86: TD 10,407' Made 77' in 23 3/4 hrs Drl SD/SH MW 10.6 Vis 43 WL 10.2 39 drl days ECTD \$787,947.00.
- 2-21-85: TD 10,431' RTCB Made 24'/ 8 1/2 hrs Sh/Sd MW 10.8 Vis 48 WL 9.4 40 drlg days ECTD \$804,486.00.
- 2-22-86: TD 10,500' Made 69' in 18 hrs Drl SD/SH MW 10.8 Vis 45 WL 8.4 41 drl days ECTD \$951,578.00.
- 2-23-86: TD 10,600' Made 100' in 23.5 hrs Drl SH/SD MW 11.2 Vis 43 WL 8 42 drl days ECTD \$968,667.00.
- 2-24-86: TD 10,693' Made 93' in 23 3/4 hrs SD/SH MW 12.3 Vis 48 WL 8 43 drl days ECTD \$976,625.00.
- 2-25-86: TD 10,782' Made 89' in 22 1/2 hrs Drl SD/SH MW 13.1 Vis 45 WL 8.2 44 drl days ECTD \$1,002,561.00.
- '2-26-86: TD 10,860' Made 78' in 23 1/2 hrs Drl SD/SH MW 13.9 Vis 42 WL 9.6 45 drl days ECTD \$1,013,913.00.
- 2-27-86: TD 10,967' Made 107' in 23 3/4 hrs Drl SH/SD MW 14.1 Vis 57 WL 9.8 46 drl days ECTD \$1,035,712.00.
- 2-28-86: TD 11,068' Made 101' in 23 3/4 hrs Drl SH/SD MW 14.1 Vis 53 WL 8.8 47 drl days ECTD \$1,051,398.00.
- 3-1-86: TD 11,160' Made 92' in 23.5 hrs Drl SH/SD MW 14.4 Vis 52 - WL 8.8 - 48 drl days - ECTD \$1,061,223.00.
- 3-2-86: TD 11,247' Made 87' in 23.5 hrs Drl SD MW 14.4 Vis 53 WL 8.4 49 drl days ECTD \$1,069,612.00.
- 3-3-86: TD 11,335' Made 88' in 23 3/4 hrs Drl SH/SD MW 14.7 Vis 54 WL 8.2 50 drl days ECTD \$1,081,346.00.
- 3-4-86: TD 11,389' Made 54' in 9 3/4 hrs Drl SH/SD MW 14.7 Vis 57 WL 8.2 51 drl days ECTD \$1,108,543.00.
- 3-5-86: TD 11,539' Made 150' in 23.5 hrs Drl SD/SH MW 14.6 Vis 63 WL 8.4 52 drl days ECTD \$1,116,450.00.

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- DW-UTAH-DUCHESNE-PZL-HATCH #2-3B1
 PZL PC 49.637525% PPI PC 49.637525% PD 13,500' WASATCH
 LOCATION: NW/4 SECTION 3 T2S R1W PARKER RIG #163
- 3-6-86: TD 11,673' Made 125' in 23 1/4 hrs Drl SD/SH MW 14.7 Vis 57 WL 8 53 drl days ECTD \$1,132,293.00.
- 3-7-86: TD 11,806' Made 133' in 23.5 hrs Drl SD/SH MW 14.8 Vis 55 WL 8.6 54 drl days ECTD \$1,149,185.00.
- 3-8-86: TD 11,956' Made 150' in 23 hrs Drl SH/SS MW 14.8 Vis 55 WL 9.4 55 drl days ECTD \$1,160,498.00.
- 3-9-86: TD 12,082' Made 126' in 23.5 hrs Drl SS/SH MW 14.8 Vis 55 WL 8.8 56 drl days ECTD \$1,168,331.00.
- 3-10-86: TD 12,193' Made 111' in 23.5 hrs Drl SH/LM/SS MW 14.8 Vis 55 WL 9 57 drl days ECTD \$1,176,234.00.
- 3-11-86: TD 12,327' Made 134' in 23.5 hrs Drl SH/SS/LM MW 14.8 Vis 58 WL 8.8 58 drl days ECTD \$1,188,171.00.
- 3-12-86: TD 12,445' Made 118' in 22 3/4 hrs Drl SH/SS/LM MW 14.8 Vis 68 WL 8.4 59 drl days ECTD \$1,198,048.00.
- 3-13-86: TD 12,575' Made 130' in 22 3/4 hrs Drl MW 14.8 Vis 58 WL 9.6 60 drl days ECTD \$1,209,582.00.
- 3-14-86: TD 12,689' Made 114' in 22 1/4 hrs Drl SS/SH/LM MW 14.7 Vis 57 WL 9.2 61 drl days ECTD \$1,225,319.00.
- 3-15-86: TD 12,784' Made 95' in 22 1/4 hrs Drl SH/LM MW 14.9 Vis 57 WL 8.4 62 drl days ECTD \$1,234,097.00.
- 3-16-86: TD 12,904' Made 120' in 23 1/2 hrs SH/LM/SS MW 15 Vis 59 WL 8.4 63 drl days ECTD \$1,250,198.00.
- 3-17-86: TD 13,016' Made 112' in 23.5 hrs Drl SH/LS/SS MW 14.9 Vis 60 WL 8.6 64 drl days ECTD \$1,266,208.00.
- 3-18-86: TD 13,047' Made 31' in 4 3/4 hrs Drl SS/SH/LS MW 15 Vis 68 WL 8.6 65 drl days ECTD \$1,288,172.00.

- DW-UTAH-DUCHESNE-PZL-HATCH #2-3B1
 PZL PC 49.637525% PPI PC 49.637525% PD 13,500' WASATCH
 LOCATION: NW/4 SECTION 3 T2S R1W PARKER RIG #163
- 3-19-86: TD 13,218' Made 171' in 23.5 hrs Dr1 SH/LS/SS MW 14.9 Vis 54 WL 8.6 66 drl days ECTD \$1,297,224.00.
- 3-20-86: TD 13,374' Made 156' in 23 hrs Dr1 SH/SS/LS MW 14.9 Vis 55 WL 8.4 67 drl days ECTD \$1,309,520.00.
- 3-21-86: TD 13,500' Made 126' in 19 hrs Circ for logs SH/SS/LS MW 15.2 Vis 55 WL 7.2 68 drl days ECTD \$1,318,133.00.
- 3-22-86: TIH w/ bit & circ to run liner MW 15.2 Vis 53 WL 7 Ran logs w/ Gearhart DIL 13,498'-10,300' BHC wave train 13,470'-10,300' CNL-FDC 13,497'-10,300' 69 drl days ECTD \$1,342,468'00.
- 3-23-86: Cmt 5 1/2" liner MW 15.2 Vis 54 WL 7.2 Hang liner top at 9948' Btm at 13,497' Cmt liner and rotate Ran 91 jts (3549') 5 1/2" 20# P-110 liner FL-4S Cmt with 945 sks class "G" with 35% D-66, .35% D-121, .2% D-46 1.7 gal/sk D-600 Lost circ 40 bbls before bump plug No flow back 70 drl days ECTD \$1,397,171.00.
- 3-24-86: Pick up 2 7/8" DP MW 15.1 Vis 55 WL 8.6 Fin cmting 5 1/2" liner POH TIH and dress off liner top with 6 3/4" bit Had 200' soft, spotty cmt on top of liner POH PU 2 7/8" DP to clean out liner 71 drl days ECTD \$1,403,643.00.
- 3-25-86: Trip out with 7 5/8" scraper (Finish PU 2 7/8" DP TIH w/ 4 5/8" OD mill to 13,450'-top of landing collar POH TIH w/ 6 3/4" bit and 7 5/8" csg scraper to 9948'-top of liner Now on POH) MW 15.1 Vis 64 WL 10 ECTD \$1,410,294.00.
- 3-26-86: Testing liner top (Ran 4 7/8" mill & 5 1/2" csg scraper through 5 1/2" liner Press tested liner top w/ 2100 PSI & 15# mud 30 min test OK Took 30 min flow back test on liner top with DP full of wtr to 9100') MW 15 Vis 49 WL 9.2 73 drl days ECTD \$1,419,908.00.
 - 3-27-86: TD 13,500' Displacing drilling mud w/ wtr 74 drl days ECTD \$1,469,609.00.

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3-28-86: TD 13,500' - Running CBL & CET logs - ECTD \$1,478,383.00.

3-29-86: TD 13,500' - Re-running CBL & CET logs under press - (Circ prod wtr around and treated it for a pkr fluid) ECTD \$1,492,740.00.

3-30-86: TD 13,500' - LD 3 1/2" DP - (Fin evaluating CBL & CET logs Started LD drill string - ECTD \$1,501,526.00.

3-31-86: TD 13,500' - RDRT - Rig rel 8:00 pm 3-30-86 (Install Gray tbg spool - Ran 1477' of 2 7/8" EUE tbg as kill string hung on dual hanger - NU Gray Tree) - ECTD \$1,505,660.00.

4-1-86: RDRT

4-2-86: Finish RDRT

4-3-86: Building tank battery

4-4-86: Building tank battery

4-5-86: Building tank battery

4-6-86: Building tank battery

4-7-86: Building tank battery

4-8-86: Building tank battery

4-9-86: Building tank battery

4-10-86: Building tank battery

4-11-86: Building tank battery

4-12-86: Building tank battery

4-13-86: Building tank battery

4-14-86: Building tank battery

4-15-86: Building tank battery

4-16-86: Building tank battery

4-17-86: Building tank battery

4-18-86: Building tank battery

4-19-86: Building tank battery

4-20-86: Building tank battery

4-21-86: Building tank battery

4-22-86: Building tank battery

4-23-86: Building tank battery

4-24-86: Building tank battery

4-25-86: Building tank battery

4-26-86: Building tank battery

4-27-86: MIRU completion unit - RU circ pump - SDFN - Daily \$960.00. - ECTD - \$1,506,620.00.

4-28-86: Initial completion - Remove tree and installed BOP - POH w/ 24 stands of 2 7/8" kill string - Set plug in tbg head and tested pipe rams and blind rams to 5000 PSI - Held OK - Ran kill string back in hole and shut well in - SD - WO tbg - Daily \$2,760.00. - ECTD \$1,509,380.00.

4-29-86: Completion day 2 - POH and LD 48 jts 2 7/8", 6.5#, N-80 EUE tbg (kill string) - Found 24 jts to have AB modified couplings and 24 to have regular 8 RD couplings - Unloaded and racked 431 jts 2 7/8", 6.5#, N-80, EUE tbg with AB modified couplings - Rejected 50 jts by visual inspection with probability of more to come (flattened threads on pin end) - Cleaned threads - Removed seal rings and installed new seal rings - Made up 4 5/8" mill tooth bit and 5 1/4" scraper - PU 122 jts of 2 7/8", 6.5#, N-80 EUE tbg with AB modified couplings - SDFN - Daily \$5,860.00. ECTD \$1.515,240.00.

- 4-30-86: Completion day 3 Rejected 30 jts of 2 7/8",6.5#, N-80 EUE tbg with AB modified couplings Total rejected 80 jts PU 251 jts 2 7/8" 6.5# N-80 EUE tbg with AB modified couplings Followed by 63 jts of 2 7/8" 6.5# N-80 EUE tbg with regular couplings Tagged float collar at 13,459' RU power swivel and drilled 3' Returns showed rubber and metal indicating that bit is drilling wiper plug or top of float collar Circ hole clean SDFN Daily \$2,520.00. ECTD \$1,517,760.00.
 - 5-1-86: Drill out 17' of shoe down to 13,479' Displace hole with 550 bbls of 10# brine water RD power swivel POH and LD 63 jts of 2 7/8" tbg with regular 8 round couplings POH with 166 stands 2 7/8" 6.5# N-80 EUE tbg with AB modified couplings Left 20 stands and one single in hole as kill string Prep to POH with all tbg and perf SDFN Daily \$2,760.00. ECTD \$1,520,520.00.
- 5-2-86: POH t/ 22 stands & 1 single of 2 7/8", 6.5#, N-80 EUE tbg w/ AB modified couplings RU & installed high pressure lubricator Tested lubricator, BOP & csg to 4000 PSI Held OK WIH w/ 4" hollow steel carrier perf gun Found PBTD at 13,460' Attempted to perf lower Wasatch Perfed the following intervals in 3 runs as follows:
 13,366'-367' (2 spf, 120 deg phasing, 5 holes)
 13,431'-435' (2 spf, 120 deg phasing, 11 holes)
 13,457'-459' (2 spf, 120 deg phasing, 7 holes)
 All other intervals mis fired All depth from Gearhart DIL run 3-21-86 Had no surface pressure after perforating RD and rel Schlumberger SDFN Daily \$1,610.00. ECTD \$1,522,130.00.
- 5-3-86: Perfed 13,399'-404' (2 spf, 13 holes)
 13,411'-413' (2 spf, 7 holes)
 13,431'-435' (2 spf, 11 holes)
 13,457'-459' (2 spf, 7 holes)
 WIH on wireline w/ 5 1/2" Baker Model FB-1 pkr w/ mill-out extension, "F" nipple and expendible check Set pkr at 13,100' RD OWP WIH w/ anchor seal assembly and SN on 2 7/8", 6.5#, N-80 tbg with AB modified couplings Ran 173 jts SDFN

Daily \$15,850.00. - ECTD \$1,537,980.00.

5-4-86: Continued GIH w/ 2 7/8", 6.5#, N-80 EUE tbg w/ AB modified couplings - Hydrotested tbg to 9000 PSI above slips while GIH - Ran 240 jts - SDFN - Daily \$1,220.00. - ECTD \$1,539,200.00.

5-5-86: Fin GIH with 2 7/8" tbg - Circ hole with 500 bbls formation water with 10 gal/100 bbls Howco anhib corrosion inhibitor - Stung latch type seal assembly into model FB-1 pkr at 13,100' (wireline measurement) - Landed tbg with 10,000# compression - Removed BOP and installed 5000 PSI WP tree - Pres backside to 2500 PSI - Held OK - Tested Pack-off to 5000 PSI - Held OK - Dropped 1 3/4" steel ball down tbg and waited one hour - Pres tbg to 5500 PSI - Had no positive indication that check valve below pkr sheared away -

Tbg detail in hole: KB correction - 23.5'
425 jts 2 7/8" 6.5# N-80 EUE tbg w/ AB
mod. couplings - 13,095.34'
Seating nipple - 1.10'
Total - 13,119.94'
Anchor seal assembly (2.375" ID) 2.78'

Pkr detail: 5 1/2" Baker FB-1 pkr (3.00" ID) - 2.5'
4" OD mill out ext. - 5.61'
Crossover - .57'
2 7/8" N-80 Sub - 6.14'
2.25" ID "F" nipple - .98'
2 7/8" N-80 Sub - 4.09'
Model "K" expendible CK - .76'

Daily 3\$3,440.00. - ECTD \$1,542,640.00.

5-6-86: 14 hour SITP O PSI - Pressured tbg to 5500 PSI - Could not tell if expendible check valve below pkr had sheared away - RU McCullough - Ran 1 3/4" OD sinker bars and collar locator to btm - Expendible check had sheared away and all tbg was found to be clear - RD McCullough - Swbd tbg down to 12,000' No fluid entry - No shows - Prep to acidize - Daily \$5,450.00. - ECTD \$1,548,090.00.

14 hour SITP 0 - RU Smith Energy - Installed tree saver -5-7-86: Pressured backside to 2500 PSI - Treated perfs 13,258'-459' down 2 7/8" tbg with 10,000 gals 7 1/2% HCL acid containing 5 gal/1000 CIA-2 corrosion inhibitor, 2 gal/1000 EPS-6 NE Agent, 10#/1000 CA-7 chelating agent, 10#/1000 AGA-2 gelling agent, .25 gal/1000 CCC-3 clay control agent, 5 gal/1000 SSS-2 silt suspender and 10 gal/1000 GSI-2 scale inhibitor -Dropped 205 ball sealers - Had excellant diversion - Flushed with 2% HCL water - AIR-5.5 BPM - Min press 8050 PSI - Max press 9500 PSI - Avg press 8600 PSI - ISIP 6900 PSI - 5 min 6840 PSI - 10 min 6820 PSI - 15 min 6800 PSI - Total load 322 bbls - Removed tree saver and RD Smith - Bled off tbg pres in 5 min and RUTS - Made 13 runs in 5 hrs - Recvd 113 BLW -FFL 10.100' (Pulling from 11,300') - Approximately 1000' of fluid entry per hour at end of day - No sign of oil or gas -Total load to be recovered 209 BLW - SDFN - Daily \$9,675.00. -ECTD \$1,557,765.00.

5-8-86: 13 hour SITP 0 - WIH w/ swab - Found fluid level at 8000' - Swabbed 8 hours - Recvd 28 BLW - By end of day fluid level was at 12,1000' (pulling from 13,100') - No sign of oil or gas - Total recovery to date 141 BLW - Total load 322 BLW - To be recovered 181 BLW - Daily \$6,150.00. - \$1,563,915.00.

Recommended Perforations

Hatch 2-3B1

Stage 1

13,141 - 13,143 (3' of pay, 7 holes) 13,173 - 13,175 (3' of pay, 13,258 - 13,260 (3' of pay, 13,288 - 13,290 (3' of pay, 7 holes) 7 holes) 7 holes) 13,309 - 13,313 (5' of pay, 11 holes) 13,335 - 13,338 (4' of pay, 9 holes) 13,341 - 13,343 (3' of pay, 7 holes) 13,359 - 13,360 (2' of pay, 5 holes) -13,366 - 13,367 (2' of pay, 5 holes) 13,370' - 13,372 (3' of pay, 7 holes) 13,382 - 13,383 (2' of pay, 5 holes) 13,388 - 13,389 (2' of pay, 5 holes) 13,399 - 13,404 (6' of pay, 13 holes) 13,411 - 13,413 (3' of pay, 7 holes) 13,431 - 13,435 (5' of pay, 11 holes)

> 49 net feet of pay 2 shots per foot Total of 113 holes

5-9-86: 14 hour SITP 0 - WIH w/ swab - Hit fluid level at 11,000' (pulled from 12,000') - No sign of oil or gas - Received orders to abandon perfs 13,258'-459' and proceed to next zone - WIH w/ 2.25" OD fwg blanking plug with 2.302" OD NO-GO - Plug set in seating nipple at 13,099'(just above pkr) instead of "F" nipple at 13,115' as planned - Further investigation revealed that blanking plug of any description could not be safely set in a 2.25" ID "F" nipple if a standard seating nipple was run above - If a seating nipple is run it must be bored out to an ID of 2.350" to allow the No-GO on the blanking plug to pass - ND tree and installed BOP - SDFN - Daily \$2,180.00. - 1,566,095.00.

5-10-86: Circ hole with 500 bbls 10 PPG brine water - POH with 2 7/8" tbg - Recvd Baker FWG blanking plug (stuck in seating nipple) - SDFN - Daily \$165.00. - ECTD \$1,566,260.00.

5-11-86: SDF Sunday

5-12-86: RU McCullough - Set CIBP at 13,099' (just above pkr at 13,100')
Dumped 15' cmt on top of plug - RD McCullough - Set plug and tbg
head and tested pipe rams and blind rams to 5000 PSI - Held OK
SDFN - Prep to perf - Daily \$3,315.00. - ECTD \$1,569,575.00.

5-13-86: RU OWP and installed high pressure wireline lubricator Tested lubricator, BOP and csg to 4000 PSI - Held OK - WIH w/
in 4 runs -

12,791'-802' (25 holes) 12,808'-813' (13 holes) 12,846'-854' (19 holes) (13 holes) 12,889'-894' 12,925'-934' (21 holes) 12,941'-957' (35 holes) 12,979'-981' 7 holes) 12,994'-998' (11 holes) 13,009'-014' (13 holes) 13,017'-030' (29 holes) 13,060'-064' (11 holes) 13,074'-075' (5 holes)

2 SPF - Total holes-202 - Total ft of pay 95 - Gun phasing 120 deg All depths from Gearhart - DIL run 3-21-86 - No surface pressure after perforating - WIH on wireline w/ 5 1/2" Baker FB-1 pkr w/ mill-out extension - 2.25" ID "F" nipple and expendible check - Set pkr at 12,770' - RD OWP - WIH w/ anchor seal assembly and with AB modified couplings - Hydrotested tbg to 9000 PSI while GIH Ran 130 jts and SDFN - Daily \$16,160.00. - ECTD \$1,585,735.00.

5-14-86: Fin GIH with 2 7/8" tbg - Circ hole with 500 bbls formation water (8.5 ppg) containing 10 gal/100 bbls Howco anhib corrosion inhibitor - Stung latch type seal assembly into model FB-1 pkr at 12,770' (wireline measurement) - Landed tbg with 18,000# compression - Removed BOP and installed 5000 PSI WP tree - Pressured backside to 2500 PSI - Held OK - Tested Pack-off to 5000 PSI - Held OK - Dropped 1 3/4" ball down tbg and waited 40 min - Pressured tbg to 5000 PSI to shear out expendible check valve - SDFN

Tbg detail in hole - KB correction 22.5' - 414 jts 2 7/8", 6.5#, N-80 EUE tbg with AB mod. couplings 12,763.60' - Seating nipple 1.10' - Total 12,787.20' - Anchor seal assembly 2.375" ID x 2.78' long -

Packer Detail - 5 1/2" Baker FB-1 pkr 2.50' - 4" OD millout Ext 5.63' - Crossover .58' - 2 7/8" Sub 2.25' - 2.25" ID "F" nipple .98' - w 7/8" Sub 2.13' - Model "K" exp check .76' - Total 14.83'

Daily \$3,665.00. - ECTD \$1,589,400.00.

5-15-86: 13 hour SITP 900 PSI - Bled well down - WIH with swab - Swbd 9 hours - Recvd 76 bbls load water - Fluid level first 4 hours 11,600'-11,700' (pulling from 12,500') No shows - Prep to acidize - Daily \$1.390.00. - ECTD \$1,590,790.00.

5-16-86: 14 hr SITP 0 - RU Dowell - Install tree saver and pressured tbg Csg annulus to 2500 PSI - Treated perfs 12,791'-13,075' down 2 7/8" tbg w/ 15,000 gals 7 1/2% MSR acid & 7500 gals MSR wtr as follows: pumped 1500 gals 7 1/2% MSR acid - Pumped 750 gals MSR wtr w/ 40-50 ball sealers - Repeated steps A-B nine more times - Flushed with 3400 gals 2% KCL water

Dropped a total of 400 balls - Had fair ball action - Tree saver failed twice during job - AIR 6 BPM - Max pres 9300 PSI Min pres 7900 PSI - Avg pres 8900 PSI - ISIP 6470 - 5 min 6450 PSI - 10 min 6420 PSI - 15 min 6390 PSI - Removed tree saver and RD Dowell - Flowed back 25 BLW and well died - Swbd 6 hrs - Recvd 117 BLW - FFL 8900' (pulling from 10,400') - Samples showed trace of oil - Total load 620 bbls - Total rec 142 bbls - To be recvd 478 bbls - SDFN - Daily \$16,370.00. ECTD \$1,607,160.00.

5-17-86: 12 hr SITP 1700 PSI - Opened well to tank and flowed back
17 BLW in 45 min before well died - Swbd 8 hrs - Recvd 47 BLW
18 Et at end of day 12,000' (pulling from 12,500') - Approx 500'
19 of fluid entry per hour - Samples showed trace of oil
10 throughout day - Total load 620 bbls - Total recovery to date
19 throughout day - Total load 620 bbls - Daily \$1,400.00.
19 ECTD \$1,608,560.00.

5-18-86: Shut down for Sunday - Daily \$100.00. - ECTD \$1,608,660.00.

5-19-86: 39 hour SITP 5200 PSI - Bled well down to tank in 40 min - Recvd 4 BLW with good show of gas - WIH with swab - Hit fluid level at 7200' - Swabbed 8 hours - Recvd 33 BLW - Fluid level at end of day 12,000' (pulling from 12,500') - Approximately 500' of fluid entry per hour for last 4 hours - Samples showed trace of oil - Total load 620 bbls - Total recovery to date 243 bbls - To be recvd 377 bbls - SDFN Daily \$1,660.00. - ECTD \$1,610,220.00.

5-20-86: 17 hour SITP 1600 PSI - Bled well down in 30 min - Rec 1 1/2 BLW with good show of gas - WIH with swab - Hit fluid level at 6200' - Swbd 3 hrs - Recvd 11 1/2 BLW - On first swab run sample showed 50% oil cut - All other runs showed trace of oil - FFL 11,700' (pulling from 12,500') - Very slow fluid entry - Total load 620 bbls - Total rec to date 256 bbls - To be rec 364 bbls - RU wireline truck - Set Baker FWG blanking plug in "F" nipple at 12,781' (in tailpipe of model FB-1 pkr at 12,770') - Tested plug to 5000 PSI - Held OK - Removed tree and installed BOP - Released anchor seal assembly from FB-1 pkr at 12,770' and circulated hole with 10 PPG brine water - Stung back into pkr and SDFN - Prep to pull tbg and set CIBP - Daily \$3,760.00. - ECTD \$1,612,420.00.

5-21-86: 14 hr SITP 2800 PSI (blanking plug did not hold) - Bled well down and POH with 2 7/8" tbg - Set plug in tbg head and tested BOP (pipe and blind rams) to 5000 PSI - Held OK - PU OWP wireline truck - Set 5 1/2" CIBP at 12,768' (just above pkr) - Installed high pres wireline lubricator and tested entire system (lubricator, BOP & csg) to 4000 PSI with first perf gun hanging in the lubricator - Held OK - Shut well in for night - Prep to perforate - Daily \$2,580.00. - ECTD \$1,615,000.00.

5-22-86: WIH with 4" HSC perf guns. Perforated the following intervals in 6 runs.

12,502-528' (55 holes) 12,536-547' (25 holes) 12,554-558' (11 holes) 12,565-573' (19 holes) 12,592-612' (43 holes) 12,618-621' (9 holes) 12,631-637' (15 holes) (9 holes) (7 holes) 12,650-653' 12,665-667' 12,670-674' (11 holes) (9 holes) 12,685-688' (9 holes) 12,697-700' 12,706-714' (19 holes) 12.722-734' (27 holes) 12.741-748' (17 holes)

> 2 SPF Total holes - 285 Total net feet of pay - 135 Gun phasing - 120°

All depths from Gearhart DIL run 3-21-86

Perforatëd bottom zone 12,741-748' then 12,722-734' then 12,706-714', etc.

Had no surface pressure after perforating each zone from 12,554-12,748' (overall). After perforating 12,536-547' surface pressure gradually built to 2500 psi. After perforating 12,502-528' (last zone) pressure quickly decreased to 2450 then gradually built to 2625 psi. While running wireline pkr. pressure gradually built to 3200 psi. After setting pkr. pressure decreased to 2575 while pulling wireline out of hole.

Set 5 1/2" Guiberson Uni-Packer 10 (with mill-out extension, 1.875" ID 'F' nipple and pump out plug) at 12,475'. Bled pressure off csg and RD OWP. PU latch type seal assembly and seating nipple and started in hole with 2 7/8", 6.5#, N-80, EUE tbg with AB modified couplings. Hydrotested tbg to 9000 psi while GIH. Ran 70 jts. and SDFN.

5-23-86: Fin GIH with 2 7/8", 6.5#, N-80, EUE tbg with AB modified couplings - Hydrotested all tbg to 9000 PSI - Circ hole w/ 8.5 PPG formation wtr containing 10 gal/100 bbl Howco anhib pkr fluid additive - Stung latch type seal assembly into Guiberson uni-pkr-10 at 12,475' (wireline measurement) - Landed tbg with 18,000# comp removed BOP and installed tree - Tested backside to 2500 PSI - Held OK - Tested tbg pack-off to 5000 PSI - Held OK - SDFN - Daily \$3,310.00. - ECTD \$1,632,600.00.

Tbg detail in hole: KD correction 22.5', 1 jt 2 7/8"-31.04', 2 7/8" sub 6.07', 2 7/8" sub 8.10', 403 jts 2 7/8" 12,425.23', SN 1.10' - Total 12,494.04' - Anch seal asmb 1.937" ID x 4.68' long

5-24-86: Tied onto tree and press tbg to 6400 PSI to shear away pump out plug below pkr - NU flowline and bled well down from 3500 PSI to 0 PSI in 10 min - Flowed and swbd well to pit for 8 hrs - Recvd an estimated 70 BLW and 3 bbls of oil with a constant blow of gas - Made a total of 11 swab runs - Fluid level remained scattered between 1500 and 5000' - Well would flow gas with a mist of oil and wtr after each swab run - Samples showed oil cut increased from a trace to about 50% by the end of the day - Shut well in for night Prep to acidize - Daily \$1,760.00. - ECTD \$1,634,360.00.

5-25-86: Shut down for Sunday

37 hr SITP 5000 PSI - Bled well down to pit in 1 hr - Had 5-26-86: good show of oil and gas - RU Howco and installed tree saver press backside tp 2500 PSI - Tied onto tree saver and treated perfs 12,502'-748' with 20,000 gals gelled 7 1/2% HCL acid containing 10 gal/1000 SGA-HT gelling agent, 3 gal/1000 HAI-75 cor inhib, 10 gal/1000 FE-1A iron control agent, 1 gal/ 1000 Losurf 259 surfactant, 5 gal/1000 LP-55 scale inhib, 1 gal/ 1000 Clay STA II and 480 ball sealers - Avg rate 11 BPM - Max press 10,000 PSI - Min pres 7300 PSI - Avg pres 8500 PSI - ISIP 5650 , 5 min 5440, 10 min 5310, 15 min 5220 - Total load 710 bbls -Had excellent ball action (near ball-out) - Bled off tbg pres in IS min and flowed load wtr back to pit for 1 hr on 1" w/ FTP 0 PSI During next hr flowed well to pit on 1" choke w/ FTP 200-300 PSI with good blow of gas and heavy mist of load wtr - Had trace of oil - During next hr flowed well on various chk sizes w/ FTP 0 -By end of hr had light blow of gas with no liquids - SDFN -Daily \$21,020.00. - ECTD \$1,655,380.00.

5-27-86: 12 hr SITP 4200 PSI - Flowed well to pit on 12/64" choke for 3 hrs with FTP steadily declining to zero - Had good gas blow with mist of load water and trace of oil - Flowed well for next 2 hrs on 1" choke with FTP zero - Had light blow of gas with occasional slug of load water and trace of oil - Swbd well for next 3 hours - Recvd very little fluid - Pulled from seating nipple last 1 1/2 hrs - Fluid level scattered from 11,000' to 11,500' - Total load from acid job 710 bbls - Total rec to date 200 bbls (50 bbls today) - To be rec 510 bbls - Shut well in for night - Daily \$2,960.00. - ECTD \$1,658,340.00.

5-28-86: 15 hr SITP 4200 PSI - Blew well down to pit in 1 hr - Had good blow of gas with spray of load water and trace of oil - Swbd 7 hrs - Fluid level scattered from 11,000'-11,500' last 4 hrs pulling from 12,300' - Approx 500'-1000' of fluid entry per hr last 4 hrs - Swab samples show load wtr with trace of oil - Recvd approx 30 BLW during day - Total load 710 bbls - Total rec to date 230 bbls - To be recvd 480 bbls SDFN - Daily \$1,280.00. ECTD \$1,659,620.00.

5-29-86: 15 hr SITP 3500 PSI - Blew well down to pit in 45 min on 1" chk - Had good blow of gas with heavy spray of load water and trace of oil - Estimate flowed 20 BLW before well died - WIH with swab Hit fluid level at 11,900' - Made one swab run - Rec about 3 bbls load water - Pumped 70 bbls 10 PPG brine water down tbg to kill well. RU wireline truck - Set Baker FWG plug at 12,493' (in tailpipe of pkr at 12,475') - Pressured tbg to 3800 PSI - FWG plug would not hold - ND tree and installed BOP - Stung out of pkr at 12,475' and circulated hole with 10 PPG brine - Stung back into pkr and shut well in for night - Total load 710 bbls - Total rec to date 253 bbls - To be recvd 457 bbls - Daily \$4,250.00.

5-30-86: 12 hrs SITP 300#, SICP 900# - Bled well down to tank - Rel seal assembly and POH w/ 2 7/8" tbg - WIH with retrieving tool on 2 7/8" tbg - Latched into Guiberson Uni-pkr X at 12,475' - POH w/ pkr, tailpipe and fwg blanking plug - SDFN - Daily \$1,750.00. - ECTD \$1,665,620.00.

5-31-86: 12 hr SITP 1200 PSI - Bled well down and WIH w/ 5 1/2" CIBP on wireline - Set CIBP at 12,480' and dumped 15' of cmt on top - Installed test plug in tbg head and tested BOP (pipe and blind rams) to 5000 PSI - Held OK - Installed high pressure lubricator and tested lubricator, BOP and csg to 4000 PSI w/ first perf gun hanging in the lubricator - Held OK - Bled off pressure and shut well in for night - Prep to perf - Daily \$3,170.00. - ECTD \$1,668,790.00.

6-1-86: WIH w/ 4" hollow steel carrier guns and perforated the following intervals in 7 runs:

11,914'-920' (15 holes)
11,928'-932' (11 holes)
11,942'-946' (11 holes)
11,964'-12,012' (99 holes)
12,018'-026' (19 holes)
12,054'-062' (19 holes)
12,096'-104' (19 holes)
12,126'-139' (29 holes)
12,126'-238' (91 holes)
12,328'-341' (29 holes)
12,420'-426' (15 holes)
12,436'-441' (13 holes)

Had no surface pressure after perforating – Set 5 1/2" Baker model FB-1 pkr on wireline at 11,870' – Pkr was equiped with mill-out extension, 2.25" F nipple and model K expendible check – RD OWP – PU Baker anchor seal assembly with 2.350" ID SN and started in hole with 2 7/8", 6.5#, N-80, EUE tbg with AB mod couplings – Hydrotested tbg to 9000 PSI while GIH – Ran 41 jts and SDFN – Daily \$16,350 – ECTD \$1,685,140.00.

- 6-2-86: Finished GIH with 2 7/8", 6.5#, N-80 EUE tbg with AB modified couplings Ran a total of 384 jts Hydrotested all tbg to 9000 PSI Circulated hole with formation water containing 10 gal/100 bbl Howco anhib packer fluid additive SDFN Daily \$3,530.00. ECTD \$1,688,670.00.
- 6-3-86: Landed tbg with 22,000# compression Removed BOP & installed tree Tested tree seals to 5000 PSI and backside to 2500 PSI Held OK Dropped 1 3/4" ball and allowed same to fall to btm Pressured tbg to 4700 PSI to shear model 'K' expendible check Blew well down to pit in 5 min Swbd 7 hrs Rec 70 BLW (tbg volume) Last 3 hrs fluid level 11,000' (pulling from 11,600') 600' of fluid entry per hour Samples showed slight trace of oil Very little gas SDFN Prep to acidize Daily \$2,135.00. ECTD \$1,690,805.00.

6-4-86: RU Smith Energy - Installed tree saver and pres backside to 2500 PSI - Treated perfs 11,914'-12,441' down 2 7/8" tbg with 15,000 gals 15% HCl followed by 15,000 gals 7 1/2% HCl acid - Displaced with 2% KCL wtr - Dropped 700 ball sealers - Saw slight ball action - Air-8.7 BPM - Max pres 9800 PSI - Min pres 7900 PSI - Avg pres 9000 PSI - ISIP 5700 PSI - 5 min 5570 PSI - 10 min 5500 PSI - 15 min 5410 PSI - RD Smith and opened well to pit on 1" choke - Flowed back approx 200 BLW with trace of oil in 3 hrs - Swabbed 4 hrs and recovered approx 150 BLW - By end of day fluid level gradually decreased to 6000' (pulling from 7600') - Last swab sample showed about 20% oil cut - Total load 783 bbls - Total rec 350 bbls - To be rec 433 bbls - SDFN - Daily \$27,260.00. - ECTD \$1,718,065.00.

6-5-86: 11 hr SITP 2850 PSI - Opened well to pit and flowed gas for 20 min before oil hit surface - Turned well to tank battery and flowed well on 20/64" choke for 3 hrs - Flowing tbg pres decreased from 500 PSI to zero in 3 hrs - Flowed a total of 15 BO & 9 BLW with light blow of gas - Swabbed 8 hrs - Recovered 38 BO & 52 BLW with light blow of gas - By end of day fluid level gradually decreased to 11,000' (pulling from 11,600') - During last 2 hrs of swabbing had 800'-900' of fluid entry per hour - SWIFN - Daily \$4,965.00. -

6-6-86: 13 hr. SITP - 2050 psi. Opened well to pit, oil hit in 2 minutes. Flowed well to tank battery for 2 hrs. on 3/4" choke. FTP decreased from 500 psi to zero. Flowed 19 80 & 7 BW with light blow of gas before well died. WIH with swab. Hit fluid level at 7000'. Swabbed 3 1/2 hrs., rec. 28 BO & 17 BW with light blow of gas. Final fluid level 10,400' (pulling from 11,600'). Had 1200' of fluid entry last hour. Total load 783 bbls. Total rec. - 435 bbls. To be rec. - 348 bbls. Daily \$1,065.00 - ECTD \$1,724,095.00

6-7-86: Well shut in. Daily \$125.00 - ECTD \$1,724,220.00

6-8-86: Well shut in. Prep to run production logs. Daily \$125 - ECTD \$1,724,345.00

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- 6-9-86:

 67 hr SITP 4600 psi. RU Schlumberger and installed high pressure wireline lubricator. WIH with gradio-manometer, temp and spinner tools with collar locator and sinker bars (total length 52.1", OD 1 11/16"). Got stuck going in with btm of tools at 70'. Worked tools up to 60' and accidentally pulled out of rope socket. Shut well in and RD Schlumberger. RU OWP and WIH with wireline fishing tools consisting of overshot, jars, sinker bars and collar locator. Did not tag fish near surface as anticipated. Went down to 1482' but could go no deeper. Attempted to spud through obstruction with poor results (made 2' in 30 min.). POOH with fishing tools but tools became stuck in tree. Tried to pull loose with no results. Pumped diesel past tools with no results. Opened well to pit and tools came loose. Pulled up into lubricator and shut well in for night. Daily \$2,045.00 ECTD \$1,726,390.00
- 6-10-86: 10 hr SITP 4400 psi bled well down to tank battery for 2 hrs recovered 35 B0 plus unknown quantity of water (treater malfunction) pumped 50 bbls hot diwsel down tbg WIH with wireline fishing tools latched onto fish at 12,400' (in 5 1/2" csg) worked fish through pkr and POOH recovered all fish and fishing tools shut through pkr and POOH Daily \$12,325.00 ECTD \$1,738,715.00
- 6-11-86: 15 hr SITP 2700 psi flowed well to tank for 2 hrs on 3/4" choke recovered 50 bbls of diesel (pumped in hole 6-10-86) WIH with swab hit fluid level at 3000' swabbed 6 hrs rec 37 B0 & 27 BW with light blow of gas final fluid level 10,000' (pulling from with light blow of fluid entry per hour during last 3 hrs of 11,600') had 1600' of fluid entry per hour during last 3 hrs of swabbing total load from acid job on 6-4-86 783 bbls total rec swabbing total load from acid job on 6-4-86 783 bbls ECTD to date 462 bbls to be recovered 321 bbls Daily \$1,305 ECTD \$1,740,020.00.
 - 6-12-86: 15 hr SITP 1800 psi RU Smith Pres backside to 2500 psi Installed tree saver adn treated perfs 11,919-12,441' dwn 2 7/8" tbg w/ 20,000 gals 15% HCL followed by 20,000 gals 7 1/2% HCL Disp w/ 2% KCL wtr Dropped 800 ball sealers Saw good ball action near end of job AIR 11 BPM Max press 10,000 psi Avg press 9300 psi ISIP 5580 psi 5 min 5560 10 min 5540 15 min 5510 RD Smith & flwd well to pit for 3 hrs Est rec 100 BLW w/ tr oil & light blow of gas WIH w/ swb, hit FL @ 800' Swbd 5 1/2 hrs, est rec 100 BLW w/ tr oil FFL 6500' (pulling from 8000') Total load 1010 bbls Total rec 200 bbls To be rec 810 bbls SIFN ECTD \$20,880.00.

6-13-86: 11 hr SITP 1850 PSI - Bled well down to zero in 1 1/2 hrs - Swabbed 7 hrs - FFL 10,000' (pulling from 11,600') - Approx 1500' of fluid entry per hr at end of day - Recvd a total of 25 BO and 100 BLW with light blow of gas during day - Total load 1010 bbls - Total rec to date 300 bbls - To be rec 710 bbls - SWI - Daily \$1,475.00. - ECTD \$1,762,375.00.

6-14-86: 14 hr SITP 1800 PSI - Flowed well to pit for 2 hrs - Est recovered 10 BO & 10 BLW with light blow of gas - WIH w/ swab - Hit fluid level at 4800' - Swbd 6 hrs - Recvd 30 BO and 35 BLW - FFL 10,000' (pulling from 11,600') - Approx 1500' of fluid entry per hr last 3 hrs - Total load 1010 bbls - Total rec to date 345 bbls - To be rec 665 bbls - SWI - Daily \$5,545.00. - ECTD \$1,767,920.00.

6-15-86: SDF Sunday

6-16-86: 40 hr SITP 3800 PSI - Flowed well to tank battery from 8:30 am 6-16-86 to 6:30 am 6-17-86 - Recvd a total of 103.5 BO & 19.2 BW Daily \$1,800.00. - ECTD \$1,769,720.00.

6-17-86: Flowed well to tank battery from 6:30 am 6-17-86 to 6:30 am 6-18-86 Recvd a total of 81.9 BO & 122 BW in 24 hrs flowing - RD pulling unit - Final report tomorrow - Daily \$1,925.00 - ECTD \$1,771,645.00.

6-18-86: Continued flowing well to tank battery - Left well flowing on 1/8" choke - Will produce well 72 hrs for state potential test Daily \$360.00 - ECTD \$1,772,005.00. -

6-24-86: IP 104 BO, 19 BW & 130 MCF - 72 hour test 6-19-86 THROUGH 6-21-86 . 252 BO, 37 BW & 252 MCF - FINAL REPORT

HATCH #2-3B1 Duchesne County, Utah Sec 3 - T2S - R1W

- 6-18-86: 80 BO & 14 BW 97 MCF 9/64" choke FTP 110
- 6-19-86: 90 B0 & 10 BW 9/16" choke FTP 50
- 6-20-86: 78 BO & 13 BW 9/16" choke FTP 150
- 6-21-86: 82 BO & 13 BW 80 MCF 9/64" choke FTP 110
- 6-22-86: 78 BO & 13 BW 60 MCF 9/64" choke FTP 150
- 6-23-86: 78 BO & 13 BW 65 MCF 9/64" choke FTP 50
- 6-24-86: 62 BO & 12 BW 60 MCF 9/64" choke FTP 50
- 6-25-86: 62 BO & 12 BW 50 MCF 9/64" choke FTP 50
- 6-26-86: 52 BO & 7 BW 45 MCF 9/64" choke FTP 50
- 6-27-86: 52 BO & 11 BW 40 MCF 9/64" choke FTP 25
- 6-28-86: 68 BO & 8 BW 70 MCF 9/64" choke FTP 80
- 6-29-86: 49 BO & 7 BW 50 MCF 9/64" choke FTP 120
- 6-30-86: 58 BO & 11 BW 50 MCF 9/64" choke FTP 100
- 7-1-86: 43 BO & 7 BW 40 MCF 9/64" choke FTP 20
- 7-2-86: 54 BO & 9 BW 60 MCF 9/64" choke FTP 25
- 7-3-86: 50 BO & 9 BW 40 MCF 9/64" choke FTP 20
- 7-4-86: 45 BO & 6 BW 40 MCF 9/64" choke FTP 20
- 7-5-86: 40 BO & 7 BW 40 MCF 9/64" choke FTP 50
- 7-6-86: 48 BO & 7 BW 40 MCF 9/64" choke FTP 50
- 7-7-86: 36 BO & 3 BW 40 MCF 9/64" choke FTP 25
- 7-8-86: 35 BO & 7 BW 40 MCF 9/64" choke FTP 40
- 7-9-86: 48 BO & 9 BW 40 MCF 9/64" choke FTP 100
- 7-10-86: 50 BO & 8 BW 40 MCF 9/64" choke FTP 25
- 7-11-86: 35 BO & 7 BW 40 MCF 9/64" choke FTP 25

Hatch 2-3B1 Duchesne County, Utah Section 3 - T2S - R1W

WORK OVER REPORTS

- 7-22-86: RU wireline RIH and set Baker "FSG" plug in "F" nipple at 11,889' RD wireline MIRU pulling unit Bled down tbg 1 hr Pumped down tbg with 90 bbls water Plug would not test RU wireline RIH and pull old and run new "FSG" plug POH Press test plug to 5000 PSI for 10 min OK RD wireline
- 7-23-86: ND well head NU BOP Sting out of pkr and POH with 11,870' of 2 7/8" N-80 AB tbg NU and press test BOP to 5000 PSI OK RU NL McCullough PU 4 1/8" csg gun and install lubricator Press test lubricator, BOP and csg to 4000 PSI OK SIFN
- 7-24-86: RU NL McCullough Perforated the following Wasatch intervals with 4" HSC casing guns 2 SPF on 120' phase with 7 runs

Run 1: 11,815'-11,846' all shots fired Run 2: 11,808'-11,814', 11,788'-800', 11,762'-766' all fired Run 3: 11,714'-722', 11,670'-680', 11,650'-11,659' all fired Run 4: 11,646'-11,649', 11,621'-638', 11,600',608' all fired Run 5: 11,568'-574', 11,522'-542' all fired Run 6: 11,492'-498', 11,482'-486', 11,462'-468' all fired Run 7: 11,434'-450', all fired

Total 14 intervals, 182', 378 holes - Plotted perfs on Gearhart DIL 3/21/86 and correlated with Schlum CBL 3/29/86 Pressure built to 2200 PSI after Run #3, 3600 PSI after Run #4 and 4000 PSI through remainder - RIH on wireline with 3 1/2" x 2 7/8" x .76' wireline re-entry guide, 2 7/8" x 2.1' 8rd tbg sub, 2 7/8" x 9.96 8rd tbg sub, 5.6 mill-out extension, Baker 'FB-1' pkr - Set pkr at 11,410' - POH - RD McCullough - Bled off csg - SDFN

- 7-25-86: Hydrotest above slips to 9100 PSI with Baker "J" latch type seal assembly, 2 7/8" x 2 1/4" SN and 11,410' 2 7/8" N-80 AB tbg Sting into packer at 11,410' and land tbg in 20,000# Press test annulus to 2500 PSI OK RU OWP RIH and pull Baker 2.25" 'FSG' plug with 2 runs under full lubricator Finish with 3900 PSI on tbg SIFN
- 7-26-86: Opened well and bled down to 0 PSI in 5 min RUTS Swabbed down to 11,409' in 12 runs Continued swabbing at 1 run per hour 4 BO per hour entry Recovered 23 BO & 0 BW Left open to tank battery
- 7-27-86: Flowed 62 BO & 0 BW in 24 hrs on 11/64" choke
- 7-28-86: Continued flowing well to tank battery Last 24 hrs made 55.7 BO and 2.1 BW w/ light blow of gas on 11/64" choke FTP from 25 to 50 PSI Prep to acidize

Hatch 2-3B1 Duchesne County, Utah Section 3 - T2S - R1W

WORK OVER REPORTS

7-29-86: RU Smith Energy - Installed tree saver and pressured backside to 2500 PSI - Treated perfs 11,434'-11,846' down 2 7/8" tbg w/ 15,000 gals 15% HCL plus 15,000 gals 7 1/2% HCL acid - Used 450 ball sealers (.9 SG) - Had slight ball action - Max rate 20.6 BPM @ 8100 PSI - Avg inj rate 19 BPM @ 8300 PSI - Max pres 8850 @ 20 BPM - ISIP 5350 PSI - 5 min 5300 PSI - 10 min 5260 PSI - 15 min 5230 PSI - Removed tree saver and RD Smith - Flowed back load wtr to pit for 2 hrs - Est rec 100 bbls - Swbd to tank for 4.5 hrs - Recvd 75 BLW with 25% oil cut by end of day - FFL 10,000' (pulling from 11,000') - Total load 837 bbls - Total rec 175 bbls - To be rec 687 bbls - SIFN

Acid Additives per 1000 gals (7 1/2 and 15%)
5 gal CA-4 (Iron control)
4 gal CIA-2 (Corrosion inhibitor)
10 gal GSI-2 (Scale inhibitor)
.25 gal CCC-3 (Clay control)
1 gal EPS-6 (NE agent)
20# AGA-1 (Gelling agent)

7-30-86: 14 hr SITP 900 PSI - Bled well down in 30 min - Made 1 BO & no wtr with good show of gas - WIH with swab - Hit fluid level at 2000' - Swabbed 8 1/2 hrs - Rec 44 BO and 16 BLW with light blow of gas - FFL 10,000' (pulling from 11,000') - Approx 500'-1000' of fluid entry per hr during last 3 hrs - Total load 837 bbls - Total rec to date 191 bbls (corrected) - To be rec 646 bbls - Left well open to tank battery overnight - Well made no oil or wtr during night (15 hrs) - Will continue to swab -

7-31-86: WIH w/ swab - Hit fluid level at 3000' - Swabbed 9 hrs - Rec 29 BO & 15 BW with light blow of gas - FFL 9500' (pulling from 11,000') - Approx 1500' of fluid entry every 2 hrs during last 4 hrs of swabbing - Shut well in for 5 day BHP build-up - Total load 837 bbls - Total rec to date 206 bbls - To be recvd 631 bbls

8-1-86 through 8-3-86: SI for BHP build up

8-4-86: Well SI for BHP build-up

8-5-86: Pulled BHP bombs out of hole - Charts showed pressure still building at significant rate - Attempted to run bombs back in hole to continue build-up - Could not get below 60' - Oil too thick - Removed all wireline equipment - SWIFN

Hatch 2-3B1 Duchesne County, Utah Section 3 - T2S - R1W

8-6-86: Well SI pending evaluation of BHP survey

8-7-86: Turned well over to production dept - Will drop from report pending results of production tests - RDMO pulling unit

9-18-86: MIRU Western Oil Well Service - SDFN

- 9-19-86: RU wireline truck and cut wax down to 9000' in 3 1/2 hrs (wax very thick) Attempted to pump hot wtr down tbg Pumped 10 bbls and tbg pressured up to 4000 PSI Bled off pressure Removed tree and installed BOP Stung out of 5 1/2" Baker model FB-1 pkr at 11,410' Allowed tbg to equalize POH w/ 2 7/8" 6.5# N-80 EUE tbg with AB modified couplings SDFN
- 9-20-86: Bled off well and pump 20 BFW down csg and 50 BFW down tbg to kill well Finish POH w/ 2 7/8" tbg and seal assembly Pressure tested BOP (pipe and blind rams) to 5000 PSI Held OK WIH w/ 5 1/2" Baker pkr plucker on 2 7/8" tbg Tagged model FB-1 pkr at 11,415' RU power swival and milled pkr loose in 2 hrs LD power swival and 1 jt of tbg before pkr became stuck While jarring on pkr brakes failed and driller was forced to set the slips in order to stop the blocks No injuries or damage to the wellhead Pulled and LD the bent jt of tbg and SDFN
- 9-21-86: SDF rig repairs
- 9-22-86: SITP 0 PSI SICP 100 PSI Bled off pressure and started out of hole with tbg Had to stop and circulate for 20 min to kill well Finished POH w/ 2 7/8" tbg and remains of model model FB-1 pkr WIH with new pkr plucker on 2 7/8" tbg Tagged second model FB-1 pkr at 11,870' Latched into pkr and started milling on same Mill out extension full of trash Having difficulty circulating Circulated for 30 min at 1500 PSI SDFN
- 9-23-86: Bled well down and circulated for 15 min Milled on pkr at 11,870' for 30 min before loosing pump pressure and 10,000# string wt POH w/ tbg Left 62 jts of 2 7/8", 6.5#, N-80 EUE tbg with AB mod couplings on btm with 8rd collar looking up Collar is possibly split judging by appearance of btm jt of tbg pulled out of hole Top of fish 10,001' PU 4 1/2" over shot with 3 1/8" grapple (to catch tbg upset) and bumper sub and WIH on 2 7/8" tbg Had to circ for 2 hrs halfway in to kill well Tagged fish at 10,001' Latched onto fish numerous times and attempted to release pkr plucker from model FB-1 pkr at 11,870' Had no success Overshot kept slipping off fish LD 1 jt and SDFN
- 9-24-86: 11 1/2 hr SITP 1100 PSI SICP 1250 PSI Flowed csg to pit for 1 hr Circ well for 2 hrs with tbg press 1200 PSI and csg press 1500 PSI Flowed well to tank battery for next 3 hrs and well died Circ well for next 3 hrs to remove any trapped oil and gas Resume fishing operations in the morning

- 9-25-86: POH with 2 7/8" tbg, bumper sub and overshot Stopping once for 30 min to circ and kill well WIH with 4 1/2" overshot w/ 3 21/32" grapple to catch 2 7/8" collar Ran 70 stands and well began flowing Circ 30 min to kill well Finished GIH w/ overshot Tagged top of fish at 10,001' RU power swival and latched onto fish (62 jts of 2 7/8" tbg and pkr plucker) Pulled 12,000# over string wt and released pkr plucker from model FB-1 pkr at 11,870' RD power swival and lost fish Could not latch onto fish again Circ for 2 hrs and SDFN
- 9-26-86: 9 hr SITP and SICP 500 PSI Circ for 3 hrs to kill well POH with overshot No recovery PU 4 1/2" overshot with 3 1/8" grapple (to catch upset of 2 7/8" tbg) and WIH on 2 7/8" tbg Had to stop and circulate for 40 min halfway in to kill well Latched onto fish at 10,001' and jarred fish loose Circulated for 30 min to kill well and POH with 90 stands of tbg SDFN
- 9-27-86: Finished POH with 2 7/8" tbg and overshot Had complete recovery of fish including split collar found wrapped around body of top jt of fish Pkr plucker unexpectedly recvd seal bore of model FB-1 pkr at 11,870' With seal bore gone there is no practical way to recover the pkr at 11,870' WIH with Baker mill shoe (without retrieving extension) on 2 7/8" tbg Ran 381 jts stopping frequently to circulate and kill well Left well open to tank battery on 1/4" choke -
- 9-28-86: SDF Sunday
- 9-29-86: Bled off csg and pumped 150 BFW down tbg and 70 BFW down csg to kill well WIH and tagged pkr at 11,874' Milled out remains of pkr in 1 hr and pushed top of tailpipe down to 12,420' Tailpipe consists of a 4" OD x 3.5" ID mill-out extension (5.63' long), X0 (.60'), 2 7/8" sub (10.08'), 2.25" F nipple (.96') with FSG plug in place, 2 7/8" sub (4.11') and a 2 7/8" model K expendible check (.76') Total length 22.14' POH with 2 7/8" tbg and mill SDFN
- 9-30-86: 12 hr SICP 300 PSI Bled off pressure and RU OWP Set 5 1/2" Baker CIBP at 11,425' Dumped 15' of cmt on top Installed extra set of blind rams in BOP and tested both sets to 5000 PSI Held OK RU lubricator with first perforating gun inside and tested lubricator, BOP and csg to 4000 PSI Held OK Prep to perf additional Wasatch pay SDFN

10-1-86: WIH with 4" perf guns (120 deg phasing, 2 SPF) and perfd the following in 5 runs:

11,262'-68' 7'	11 holes 31 holes 19 holes 9 holes 19 holes
11,202	• • • • • • • • • • • • • • • • • • • •
11,217'-20' 4' 11,231'-39' 9' 11,246'-54' 9' 11,262'-68' 7'	_
11,231'-39' 9' 11,246'-54' 9' 11,262'-68' 7'	9 holes
11,246'-54' 9' 11,262'-68' 7'	19 holes
11,262'-68' 7'	19 holes
	15 holes
11,275'-79' 5'	11 holes
11,356'-62' 7'	15 holes
104'	223 holes

Had 200 PSI csg press after perforating - All depth from Gearhart DIL dated 3-21-86 - Set Guiberson Uni-pkr X at 10,980'

```
7.22'
5 1/2" Uni pkr X (4.563" OD x 2.688" ID)
Mill-out ext (3.5" OD x 3.5" ID)
                                                     5.621
                                                      .48'
Coupling (4.28" OD x 2.875" ID)
Mill-out ext (3.5" OD x 2.875" ID)
                                                     4.651
                                                     .52'
X-over (4.26" OD x 2.3125" ID)
2 3/8" sub ( 1.995" ID)
                                                     7.49'
                                                     .92'
1.87" 'F' nipple with 'FSG' plug in place
                                                     2.09'
2 3/8" sub (1.995" ID)
Wireline Re-entry guide (3.08" OD x 2.00" ID)
                                                     .54'
```

PU Guiberson seal assembly (13.67' long, 1.937" ID) - Started in hole with 2 7/8" tbg - Hydrotested tbg to 9000 PSI SDFN

10-2-86 9-3-86:

Finished GIH with 2 7/8" 6.5# N-80 EUE tbg with AB modified couplings - Hydrotested all tbg to 9000 PSI - Stung into Guiberson uni-pkr X at 10,980' and landed tbg with 20,000# comp - Ran a total of 355 jts of tbg plus 3 subs on top (8', 6' and 4') - SDFN

- 10-3-86: Removed BOP and installed tree Tested pack-off to 5000 PSI and backside to 2500 PSI Both Held OK RU Delsco and WIH w/ FSG retrieving tool (for blanking plug at 11,006') could not get past 450' due to paraffin RD Delsco and WIH w/ sinker bars on sand line Could not get past 400' WIH with paraffin knife on sand line Could not get past 400' Removed tree and installed BOP Tied onto 2 7/8" tbg and pulled stinger out of Guiberson Uni-pkr X at 10,980' Pumped 75 bbls hot wtr down csg and 75 bbls hot wtr down tbg Ran sinker bars to 7000' with no obstructions SDFN
- Re-landed tbg with 20,000# comp Removed BOP and installed tree Tested pack-off to 5000 PSI and backside to 2500 PSI Both Held OK RU OWP and WIH with equalizing tool for 1.87" FSG plug at 11,006' Made 2 runs with no success Third run was successful in retrieving equalizing stem WIH with FSG retrieving tool Latched onto plug and jarred for 30 min before tool came loose POH with retrieving tool (without plug) and RUTS Swabbed fluid level down to 5000' Re-ran retrieving tool Latched onto plug and jarred same loose in 30 min POH with FSG plug and RD OWP Tbg now clear SDFN
- 10-5-86: SDF Sunday
- 10-6-86: 37 hr SITP 450 PSI Bled off gas in 30 min and WIH with swab Could not get past 1200' due to paraffin RU hot oiler and pumped 30 bbls hot formation wtr down tbg Swabbed 6 hrs Rec 15 BO & 43 BLW FFL 10,100' (pulling from 10,400') Approx 300' of fluid entry last hr Prep to acidize SDFN
- 13 hr SITP 75 PSI RU Smith Energy and installed tree saver -10-7-86: Pressured backside to 2500 PSI - Tied onto tree saver and treated perfs 11,028'-11,362' down 2 7/8" tbg with 7500 gals 15% HCL & 7500 gals 7 1/2% HCL acid - Dropped 350 ball sealers (1.1 sg) - Had complete ball-out to 10,000 PSI - Avg inj rate 10.2 BPM @ 9300 PSI - ISIP 5650 PSI - 15 min 5550 PSI - All acid contained 10#/1000 AGA-1 gelling agent, 5 gal/1000 CA-4 iron control agent, 7 gal/1000 CIA-2 corrosion inhibitor, 1 gal/1000 EPS-6 surfactant, .25 gal/1000 CCC-3 clay control agent and 10 gal/1000 GSI-2 scale inhibitor - All fluids were heated to 150 deg F - RD Smith and opened well to pit - Flowed back 65 BLW in 1 hr before well died - WIH with swab - Hit fluid level at surface - Swabbed 3 hrs - Rec 29 BLW - No oil -Good show of gas - Total load 436 bbls - Total rec 94 bbls -To be recvd 342 bb1s - SDFN
- 10-8-86: 13 hr SITP 3800 PSI Opened well to pit Flowed 5 BO & 15 BLW with good show of gas in 1 hr Tried to GIH with swab but could not get down due to gas Flowed well to tank battery during day Made 10 BO & 0 BW with good show of gas Made 5 swab runs during day but could not get below 2100' due to gas Total load 436 bbls Total rec 109 bbls To be

- "atch #2-3B1 uchesne County, Utah Section 3 - T2S - R1W
- 10-9-86: 13 hr SITP 1850 psi. Opened well to tank battery. Flowline plugged with paraffin. RU hot oiler and pumped hot water down flowline. Flowed well for next 7 hrs. Rec 15 BO and 1/2 BW on 13/64" choke with FTP 0-200 psi. Had light blow of gas to pit throughout day. SIFN.
- 10-10-86: 13 hr SITP-900 psi opened well to tank battery on 14/64" choke, well died in 30 minutes RU hot oiler and pumped 5 bbls hot wtr down tbg and 5 bbls down flowline, flowed well for 2 hrs on 14/64" choke with FTP 100-300 psi made 2 BO, 0 BW RU Slickline truck and attempted to GIH to cut wax slowly worked paraffin cutting tools down to 2060' in 7 hrs (oil extremely thick) Made 1 BO & 0 BW while GIH with slickline POOH with tools and SWIFN
- 10-11-86: 14 hr SITP-2500 psi. RU hot oiler and attemted to pump hot wtr down tbg. Could pump only 8 bbls before pressure exceeded 5000 psi RD hot oiler and opened well to tank battery Flowed well for 7 hrs on 14/64" choke with FTP 0-250 psi made 16 BO, 0 BW with light blow of gas Suspect severe paraffin plugging SWIFN.
- 10-12-86: Shut Down for Sunday.
- 10-13-86: 37 hr SITP 2500 PSI Installed Gray back pressure valve in 2 7/8" hanger to kill well Removed tree and installed BOP WIH with 181 jts (5753') of 2 3/8" 4.7# L-80 Nu-lock heat string Landed tbg Removed BOP Installed tree Tested pack off to 5000 PSI Held OK Retrieved back pressure valve and circ heat string overnight with hot wtr Left main string SI SDFN -
- 10-14-86: 13 hr SITP 3300 PSI Opened well to tank battery on 14/64" choke Made 6 BO & 2 BLW with light blow of gas RU slickline truck and WIH with paraffin cutting tools Went down to 10,000' Hit no obstructions RD wireline truck WIH with swab Hit fluid level 1200' Swbd 5 hrs Rec 18 BO & 37 BLW w/ light blow of gas FFL 9700' (pulling from 10,000') Only 300' of fluid entry last hour SDFN
- 10-15-86: 14 hr SITP 200 PSI Bled off gas and WIH w/ swab Hit fluid level at 9700' Swabbed 11 hrs Rec 2 BO & 5 BLW with light blow of gas FL steady at 9700' Pulling from 10,000' (making one run every hour) Only about 300' of fluid entry per hour during day SDFN

10-16-86: 13 hr SITP 150 PSI - Bled off gas and WIH w/ swab - Hit fluid level at 9000' - Swabbed 7 hrs - Recv 4 BO & 2 BLW w/ light blow of gas - FFL 9900' (pulling from 10,200') - Approx 200'-300' of fluid entry per hr during day - RD swab - WIH w/ BHP recording instruments on slickline - Shut well in for build up

10-17-86: Well SI for BHP build up test 10-18-86: Well SI for BHP build up test

10-19-86: Well SI for BHP build up test

Pulled BHP recording instruments out of hole - Left well SI 10-20-86:

pending analysis of BHP data

10-21-86: Well SI pending analysis of BHP data

10-22-86: Re-ran BHP recording instruments to continue build-up

analysis - RD pulling unit - Will drop from report pending

results of build-up test

12-24-86: MIRU pulling unit - POH w/ 281 jts 2 3/8" tbg side string - Attempt to POH w/ 2 7/8" tbg and Guiberson Uni pkr X - Pkr and tbg stuck - SDFN

12-25-86 through 12-28-86: SDF Holiday

12-29-86: Hauled and racked 11,000' 3 1/2" 9.2# N-80 8rd tbg

12-30-86: SI - Waiting on orders

12-31-86: RU NL McCullough - Ran 3 pt - Ran chem cutter and cmt 2 7/8" tbg at 10,968' (12' above SA) - POH w/ 100 jts 2 7/8" tbg SDFN

1-1-87: SDF Holiday

1-2-87: POH w/ remaining 255 jts 2 7/8" tbg - RIH w/ 4 5/8" mill shoe, 1 jt 4 1/2" wash pipe, bumper sub, jars and 6-3 1/2" DC's on 280 jts 2 7/8" tbg - SDFN - ECTD \$12,350.00.

1-3-87: RIH w/ remaining 348 jts 2 7/8" N-80 tbg on wash pipe and mill shoe - Tagged at 10,981' - RU power swivel - Mill down to 10,996' - Rev circ clean - POH with tbg, wash pipe and mill - RIH w/ overshot, bumper sub, jars, 6-D.C.'s and 100 jts 2 7/8" N-80 tbg - SDFN - ECTD \$15,050.00.

1-4-87: SDF Sunday

1-5-87: RIH w/ remaining 2 7/8" tbg and fishing string - Tag and caught fish at 10,968' - Jarred 1 hr - Pulled free up - Could not go down - POH w. tbg and fishing string - Found cut jt tbg in overshot w/ SA and half of ret tool - Left btm 10" of ret tool in pkr - RIH w/ 4 5/8" mill shoe, 1 jt wash pipe, bumper sub, jars, 6-DC's and 50 jts 2 7/8" tbg - SIFN - ECTD \$17,690.00.

1-6-87: RIH w/ remaining 298 jts 2 7/8" tbg on drill string - Tag pkr at 10,980' - milled over pkr 24" in 3 hrs - Stopped making hole Cont drl w/ no progress for 1 hr - Rev circ clean - SDFN - ECTD \$21,225.00.

^{1-7-87:} POH w/ 349 jts 2 7/8" tbg and wash-over string - RIH w/ spear for 2.68" bore, bumper sub, Bowen jars, 6-3 1/2" DC's and 349 jts 2 7/8" N-80 tbg - Tag and engage fish at 10,980' - Jarred for 4 hrs at 10,8000 lbs - No movement - Rel pkr - SDFN - ECTD \$24,260.00.

- 1-8-87: Milling and fishing pkr POH w/ 349 jts tbg, DC's, Jars and spear RIH w/ 4 5/8" mill shoe, 1 jt 4 1/2" wash pipe, bumper sub, Bowlin jars, 6-DC's and 349 jts 2 7/8" tbg Milled on pkr 5 hrs Made 8" SDFN ECTD \$27,845.00.
- 1-9-87: Cont milling on pkr Stopped making hole POH w/ drill string RIH w/ new 4 5/8" mill shoe, 1 jt wash pipe, bumper sub, bowen jars, and 6 DC's on 349 jts 2 7/8" tbg Tagged fish at 10,980' Milled on pkr 9 hrs and made 8' Stopped making hole ECTD \$32,535.00.
- 1-10-87: POH w/ drill string Mill shoe still OK RIH w/ spear, bumper sub, bowen jars and 6 DC's on 2 7/8" tbg Caught fish and jarred free in 40 min Free up but not free down at 10,980' POH w/ fishing string and found mandril of pkr and body above btm slips (Btm slips still set in csg at 10,974' and tailpipe apparently fell to btm) SDFN ECTD \$36,535.
- 1-11-87: RIH w/ 4 5/8" mill shoe, finger basket, magnet, bumper sub, Bowen jars, 6 DC's and 349 jts 2 7/8" tbg Milled on slips at 10,974' for 3 hrs Chased to 11,398' Dressed top of fish POH w/ drill string RIH w/ spear, bumper sub, jars and DC's ECTD \$40,610.00.
- 1-12-87: Tagged fish with fishing string at 11,386' Worked tbg 1 hr Made 20" POH w/ fishing string No fish spear RIH w/ 2" OD mill, 14' extension, bumper sub, jars and 6 DC's on 356 jts 2 7/8" tbg Penetrate fish 14' with mill in 2 1/2 hrs POH w/ drill string Found broken piece of retrieving tool on mill RIH w/ 1 7/8" spear, 14' extension, bumper sub, jars and 6 DC's Worked spear 10' into fish SDFN ECTD \$44,990.
- 1-13-87: POH w/ fishing string run #3 Found btm slips from pkr around btm of bumper sub Found nothing on spear RIH w/ smaller spear range 1 3/4"-2.01", 14' extension, bumper sub, Bowen jars, and 6 DC's on 2 7/8" tbg Work spear into fish and turn to left to set repeatedly Would not set POH with fishing string Found nothing on spear RIH with 1 7/8"-2.02" spear, 14" extension, 3 1/16-3 1/4" spear, bumper sub, jars and DC's ECTD \$48,930.00.
 - 1-14-87: Tagged fish and worked spears 2 hrs Spears would not set POH with fishing string No fish RIH w/ 2 7/8" OD string mill on 12' extension, 6 drill collars and 2 7/8" tbg Tagged to of fish Milled 15 min and fell through 12' ECTD \$\$53,420.00.
- 1-15-87: POH w/ mill, DC's and tbg RIH w/ 2 7/8" OD, spear, bumper sub, Bowen jars, 6 DC's and 2 7/8" tbg - Tagged TOE and worked spear 2 hrs Engaged spear POH w/ fishing string complete ECTD \$58,260.00.

- 1-16-87: Laid down fish and tools. Tallied in hole with Halliburton 5-1/2" rTTS packer, x-over, 2 joints 2-7/8" N-80 8rd tubing and 320 joints 3-1/2" N-80 8rd tubing. Hydrotested all to 8,800 psi. Hydrotested top joint to 10,200 psi. Set packer at 10,001. Continued working 24 hours. ECTD \$67,311.
- 1-17-87: RU Smith Energy to sand frac Wasatch perfs 11.028'-11.362'. Hook onto tubing. Pressure and hold 2.000 psi on annulus. Pumped 120 Ebls KCl water pad @ 14 BPM and 8.200 psi. SD to open CO2 injection. Pumped 162 Ebls gel pad @ 18 EDM fluid (plus 3.6 BPM CO2) and 8.600 psi. Pumped 202 Ebls gel with 1.18 ppg 100 mesh sand @ 25 BPM and 8.250 psi. Pumped 20 Ebls gel spacer. Pumped 142 Ebls gel with 1.18 ppg interprop @ 25 BPM and 8.400 psi. Pumped 121 Ebls gel with 2.4 ppg interprop @ 25 BPM and 8.500 psi. Pumped 81 Ebls gel with 4.7 ppg interprop @ 25 BPM and 9.300 psi. Screened out SD with 50.000 lbs interprop and 10.000 lbs. sand gone. ISIP 5.000 psi. Left well SI 7 hours. ECTD \$133.254.
- 1-18-87: Opened well at 9:30 p.m. on 1/17/87 through 14/64 choke at 3,500 psi. Flowed 12 BO and 250 BW to pit in 10 hours, then died. Rigged to swab. Made 5 runs from fluid level of 2,000'. Flowed 30 minutes after each run. Flowed 10 minutes after runs 6 through 10. Swabbed and flowed 5 BO and 120 BW. Total recovery 17 BO/370 BW in 24 hours. SIFN. ECTD \$135,209.
- 1-19-87: Swabbing after frac job. Flowed 2 hours. Made 8 runs from fluid level 2,000'-2,500'. Trouble getting down through wax. Flows average 15 minutes after each run. Recovered 8 BO, 68 BW. 680 Hbls load water to recover. ECTD \$137,194.
- 1-20-87: Flowed 2 hours. Swabbing. Initial fluid level 2,100'. Trouble getting tools through wax. Flowed and swabbed 35 BO and 25 BW. RU wireline. RIH with sinker bar to 9,990'. Found no sand in tubing. POOH. SIFN. ECTD \$139,289.
- 1-21-87: RU wireline. Cut wax. Thaw BOP. Pressure annulus to 750 psi. Release packer. POOH with 5 stands tubing. Rev. circ clean. POOH and laid down 100 joints 3-1/2" tubing. SIFN. ECTD \$141,584.
- 1-22-87: Blow down well 45 minutes. Pump 75 Bbls water to kill. POOH and laid down remaining 220 joints 3-1/2" N-80 8rd tubing. RIH with 4-5/8" bit and 5-1/2" on 2 joints 2-7/8" tubing. SIFN. ECTD \$142,939.
- 1-23-87: Blew down well. Pumped 40 Hbls to kill. RIH with 4-5/8" bit, 5-1/2" casing scraper, on 2-7/8" tubing. Stopped to kill 3 times. Tagged sand bridge at 11,030' (top perfs at 11,028). Fell though bridge and tagged sand at 11,305'. Circ out sand to 11,410'. Rev. circ clean. POOH with 12 joints tubing. EOT at 11,050'. SIFN. ECTD \$146,099.

- 1-24-87: SI for weekend.
- 1-25-87: SI for Sunday.
- 1-26-87: Pump 125 Bbls fmt water to kill. RU power swivel. Drill on CIBP at 11,435 for 1-1/2 hours then tubing string weight reduce from 85,000 lbs. to 25,000 lbs. suddenly. (Pressure from below CIBP calc. 9,500 psi.) Flowed tubing 2-1/2 hours at 700 psi. FTP. Would not bleed down. Pumped 65 Bbls 8.5 ppg fmt water to kill tubing. String weight increased to 54,000 lbs. but will not order brine for a.m. SIFN. ECTD \$147,874.
- 1-27-87: Pumped 450 Bbls 10 ppg brine to kill. Drilled through CIBP in 45 minutes and chased to bottom at 12,420'. SIFN. ECTD \$151,929.
- 1-28-87: Pumped 300 Hbls 10 ppg brine to kill. POOH with 91 joints 2-7/8" tubing. Well kicked. WO brine. SIFN. ECTD \$154,889.
- 1-29-87: Circ 10 ppg brine down tubing, up annulus. Returning 10% oil and gas. ECTD \$156,704.
- 1-29-87: Haul in 600 bbl. 11 ppg. Mg cl water. ECTD \$166,204.00.
- 1-30-87: Finish hauling in Mg Cl water.
- 1-31-87: SI for weekend.
- 2-1-87: SI for Sunday.
- 2-2-87: SITP 1100 psi. RIH to FOT at 10800'. Circ. in hole 460 bbl. 11 ppg Mg Cl water. Lost 35 bbl. Well dead SIFN. ECTD \$169,954.
- 2-3-87: Circ. 11 ppg MgCl wtr. 2 hrs. to kill. POOH with 354 jnts. tbg, bit & scraper. RU OWP. Ran GR and CCL 10900 12480. PU and RIH with Baker 5 1/2" 'FB-1' packer with 2 F nipples on tailpipe (2.313 and 2.25) & expendable check value. Set packer at 10800'. RD OWP. RIH with seal assbly. & 300 jnts. 7/8" tubing. SIFN. ECTD \$183,629.00
- 2-4-87: RIH with 149 jnts. remaining 2 7/8" tubing. Circ. well with 480 bbl. clean fmt. water with corrosion inhib. & biocide. Stung into 'FB-1' pkr. at 10800' & landed tubing in 18000 lb. tension. Pressure annulus to 2500 psi. Drop ball & pump out check with 1500 psi. SIFN. ECTD \$186,859.00
 - 2-5-87: Rig to swab. Could not get down. RU hot oiler to unplug tubing. Made 4 swab runs from fluid level 2000 ft. when sand line parted above lubricator. Retrieved and repaired sand line. Made 5 more runs from fluid level 2000 4000 ft. Recovered 0 BO / 37 BW. SIFN. ECTD \$188,664.00

- 2-6-87: Attempted to swab well in. Made 3 runs. Swabbed well down to 7000'. No entry. RU pump. Pumped down tubing 63 bbl. fmt. water at 3500 psi. RU wireline. Made sinker bar run to 11000'. OK. POOH. RD wireline. Opened well to test tank @ 1500 psi. FTP on 15/64 for 90 min. Turned to treater.
- 2-7-87: Flowed 137 BO/178 BW in 20 hours on 64/64 choke at 50 psi. FTP.
- 2-8-87: Flowed 140 B0/34 BW in 24 hours on 64/64 choke at 50 psi. FTP. ECTD \$190,189.00.
- 2-9-87: Flowed 113 BO/29 BW in 24 hours on 64/64 choke. Installed 16/64" positive choke. RD pulling unit. ECTD \$191,629.00.
- 2-10-87: Flowed 87 BO/10 BW on 16/64 choke @ 225 psi FTP. ECTD \$197,629.00.
- 2-11-87: Flowed 106 B0/25 BW in 24 hrs. on 16/64 choke @ 200 psi FTP. ECTD \$197,629.00. FIMAL REPORT
- 2-12-87: Flowed 86 BO/30 BW in 24 hrs. on 16/64 choke @ 200 psi FTP. ECTD \$197,629.00. FIMAL REPORT

COMPANY: + 2002016	UT ACCOUNT #1) 2885 SUSPENSE DATE:	A SCHOOL STATE
COMPANY.		
	HONE CONTACT DOCUMENTATION	
CONTACT NAME: Fran Blaine		
CONTACT TELEPHONE NO.: 7/3-546	1458 (Nousrow)	
SUBJECT: request WCR	HATCH	2-381
SUBSECT: TOTAL CONTRACTOR	43 013	· · · · · · · · · · · · · · · · · · ·
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355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Ut 84180-1203. ●(801-538-5340)

Page $\frac{12}{}$ of $\frac{12}{}$

PENNZOFE EXPLOR & PROPERTY PRO	77252	2967	•	WUtah Account No	
ATTN: WILLBURN LUNA	ATTI A)	W	ISON	Amended Report	=
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API Number Entity Location 1.1. GALLOWAY 1-14B2 4301330564 05965 028 02W 14	WSTC	Oper (793	Gas (MSCF) /552	//84
STATE PICKUP 1-6B1E +304730169 05970 028 01E 6	GRRV	15	381	77	452
MOBIL-LAMI. UR 1-8A2 4301330036 05975 018 02W 8	WSTC	30	604	439	0
RACHEL JENSEN 2-16C5 4301330912 09895 038 05W 16	WSTC	30	1406	4432	5944
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NORLING 2-981 4301331151 10616 028 01W 9	WSTC	30	3228	2917	38
SHAW #2-27A2 4301331184 10753 018 02W 27	WSTC	30	1678	5299	2505
Pobestson 2-29A2 301331150 10679 15 20 29	ws7C		630	838	•
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			order to realize the re-		
	T	OTAL	10 007	16897	10586
comments (attach separate sheet if neces	sary)				
			•	· · · · · · · · · · · · · · · · · · ·	

PENNZOIL PLACE • P. O. BOX 2967 • HOUSTON, TEXAS 77252-2967 • (713) 546-4000

HECENERS

AUG 4 1987

DIVISION OF OIL GAS & MINING

July 30, 1987

Utah Natural Resources
Division of Oil, Gas, & Mining
Attn: Tammy Searing
355 Triad Center, Suite #350
Salt Lake City, Utah 84180-1203

Ms. Searing:

This letter is to confirm our telephone conversation of July 30, 1987, regarding the name change from Pennzoil Exploration & Production Co. to Pennzoil Company.

Please change your records to reflect this name change effective August 1, 1987.

Your contact for drilling operations will continue to be Will Luna at our Neola office. The contact for the monthly production reports will be myself at our Houston address. All affected properties, except the drilling activity, are listed on the attached production report for June, 1987. The bonding is in the name of Pennzoil Company.

This is a change in name only, the company and personnel have remained the same. If you need additional information, please call me at (713)-546-8104.

Sincerely,

Martin Wilson

Onshore Accounting

mh/dcw

SUBMIT IN TRIPLE ATT (Other mele

STATE OF UTAH DEPARTMENT **NATURAL RESOURCES** DIVISION OF OIL, GAS, AND MINING

1 4 1	l·)
1	S. LEADS DESIGNATION LPD SERIAL DO
	FEE/ML 13908
-	6. IF INDIAN, ALLOTTED OR TRIBS NAME
9	
	T. UNIT AGGSEMBIT HAMB
Ш	E. PARM OR LEASE NAME
	S. PARK OR LEADER PARK
	Hatch-Shisler
	8. WILL M.
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COPY

	NOTICES AND REPOR			
OR OF SALE OF	Card Annual Card Card Card Card Card Card Card Card	KE GOOD C	T. UNIT AGESMENT PA	
Pennzoil Explorat	ion and Production Co	ompany 28 1988 C	Hatch-Shisler	3
P.O. Box 2967, Ho	uston, TX 77252	DIVISION OF OIL, GAS & MINING	2-3B1	
Location of watt (Report loss for also opace 17 below.) At conface 1588' FNL & 1544	Testines of hear thesis sold	lib any dia to requirements.*	Bluebell 13. spc., 7. a., M., co a	
	I IA SLEVATIONS (Show wh		Sec 3, T2S, R	
43-013-31147	5189 (GR)	(C. C. C		Utah
16. Chec		cate Nature of Notice, Report, or C	Other Data gars issees or:	
PRACTURE TREAT WHENDENSEX CIDES REPAIR WELL	PULL OR ALTER CASING MELTIPLE COMPLETS ABANDON* CHAPGE PLANS	PACTURE TREATMENT SMOUTING OR ACTORISHE (Other) (Note: Report result	ALTERING CA ADAMSON MEN of multiple completion of	gire gr
TROT WATER SEUT-OFF FRACTURE TREAT KHROPKOKXACIDEES X	PULL OR ALTER CABING MULTIPLE COMPLETS ABARDONS CHAPES PLANS	WATER SHUT-OFF PRACTURE TREATMENT SHOUTING OR ACIDISING	BETAIRING WALTERING CAABANUOFMEN of multiple completion of sietion Report and Log for	erse ge Well

subsurface beations and measured and true vertical depths for all man

PROPOSED WORKOVER

- 1. MI & RU pulling unit. Install BOP and POOH with tubing and pump.
- 2. Mill out 5-1/2" model FB-1 packer at 10,800'.
- 3. Set 5-1/2" CIBP at 11,020' on wireline and dump 20' cement on top.
- 4. Perforate from 10,568-10,980 (362', 728 holes).
- 5. Set packer at 10,450' and acidize with 25,000 gals 7-1/2% HCL.
- 6. Swab back the load and test. Return well to hydraulic pump if necessary.
- 7. RD pulling unit.

Jess Dullnig 5/20/88

- A A				
SIGNED Kalph G. Wall	TITLE	Supervising Engineer		6-15-88
(This open for Federal or State office use)		APPROVEI OF UTA	BY THE	STATE ON OF
APPROVED BY Cumman '8 OF APPROVAL IF ANT:	TITLE	OIL, GA	S AND W	IINING
		BY		
**		ol Damana Cida	` _	1

See instructions on Key

STATE OF UTAH

	RTMENT OF NATURA ISION OF OIL, GAS,		บเพลียฟ OF	5. LEASE DESIGNATION	AND SERIAL NO.
SUNDRY NO	OTICES AND REP	ORTS ON WE	CIL, GAS & MINING LLS	6. IF INDIAN, ALLOTTE	B OR THIBE WAME
Use "APP:	MORIUM FUR PERRIT—"	ist reed proposition)	<u></u>	7. UNIT AGREEMENT NA	/MB
WELL WHIL OTHE 2. NAME OF OPERATOR			-	S. FARM OR LEASE NAME	
	il Company Utah	Acct. # N070	5	See Attache	ed List
P.O. Bo	ox 2967 Houston	, TX 77252-2	967	S. WELL SU.	
LOCATION OF WELL (Report locations also space 17 below.)	on clearly and in accordance	e with any State requir	ements.	10. FIELD AND POOL, O	R WILDCAT
See Atta	ached List of We	11s		Rluehell/	Altamont _
4. API NUMBER	15. BLEVATIONS (Show	whether SF, ST, GR, etc.)		12. COUNTY OF PARISE Duchesne & Uintah	18. erate Utah
6. Check	Appropriate Box To Ir	ndicate Nature of 1	Notice, Report, or (
HOTICE OF 13	TENTION TO:	_	PRACUS	URNY REPORT OF:	<u></u>
TEST WATER SHUT-OFF	FULL OR ALTER CASING MULTIPLE COMPLETE		BR SHUT-OFF TURE TREATMENT	ALTERING C	1
SHOOT OR ACIDIZE	ABANDON®	sito	TING OR ACIDIZING	EMNOUNAEA	M.
(Other) Operator N	CHANGE PLANS Name Change	X (Oth	(More - Depost secults	of multiple completion letion Report and Log fo	on Weil
7. DESCRIBE PROPOSED OR COMPLETED proposed work. If well is dir nent to this work.) *		ill pertinent details, as			
Change of open	rator name from mpany, effective			il Exploration	&
See Attached l	ist of wells		OI	L AND GAS	
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				ν	
18. I hereby certify that the foregoing	· /// -				
SIGNED / Norge P. Si	an flippo I	Western Di	v. Production	Mgr. DATE 6	-9-88
(This space for Federal or State	office are)				
APPROVED BY		ITLE		DATE	

SUNDRY NOTICE OF NAM. HANGE EXHIBIT A

ENTITY NUMBER	LEASE NAME	LEGAL DESC.	API #	REMARKS	
5780	VIC BROWN 1-4A2	1S 2W 4	4301330011		
5785	UTE ALOTTED 1-36Z2	IN 2W 36	4301330307	•	· < 2
\$790	HORROCKS 1-6A1	1S 1W 6	4301330390		<i>53</i>
5795	J YACK 1-7A1	1S 1W 7	4301330018		
5800	BASTAIN FEE #1	1S 1W 7	4301330026		
5805	CHASEL FLY DIAMOND 1-18A1		4301330030	· •	
5810	STATE 3-18A1	1S 1W 18	4301330369		
5815	RG DYE 1-29A1	1S 1W 29	4301330271	WSTC	
5820	SUMMERALL 1-30 A1	1S 1W 30	4301330250		
\5825	LL PACK 1-33A1	1S 1W 33	4301330261		
\5835	UTE 11-6A2	1S 2W 6	4301330381		
\5836	UTE 2-7A2	1S 2W 7	4301331009		
5840	DOUG BROWN 1-4A2	1S 2W 4	4301330017		
`5845	LAMICQ URRUTY 4-5A2	1S 2W 5	4301330347		
`5850	UTE 1-7A2	1S 2W 7	4301330025		
\5855	LAMICQ URRUTY 2-9A2	1S 2W 9	4301330046	GRIV	
\5860	STATE 1-10A2	1S 2W 10	4301330006		
\5865	SPRGFIELD M/BK 1-10A2	1S 2W 10	4301330012		
5870	L. BOREN 2-11A2	15 2W 11	4301330277		
5875	KENDALL 1-12A2	1S 2W 12	4301330013		
5876	CLYDE MURRAY 1-2A2	1S 2W 2	4301330005	Geev -	
5877	BLANCHARD 1-3A2	1S 2W 3	4301320316		
5880	OLSEN 1-12A2	15 2W 12	4301330031		
`5885	L.BOREN 1-14A2	15 2W 14	4301330035	GERV	
5890	UTE 3-18A2	1S 2W 18	4301330125	O L L V	
5895	UTE TRIBAL 4-19A2	1S 2W 19	4301330147		
5900	L. BOREN 5-22A2	1S 2W 22	4301330107		
\5905	L. BOREN 4-23A2	1S 2W 23	4301330115		
\5910	UTE TRIBAL 5-30A2	1S 2W 30	4301330169	WSTC	
\$5920	BECKSTEAD 1-30A3	1S 3W 30	4301330070	WSTCV	
5925	UTE TRIBAL 10-13A4	1S 4W 13	4301330301		
5930	KARL SHISLER 1-3B1	2S 1W 3	4301330249		
15935	C B HATCH 1-5B1	2S 1W 5	4301330226		
` 5940	NORLING 1-9B1	2S 1W 9	4301330315		
5945	H.G. COLTHARP 1-15B1	2S 1W 15	4301330359		
5950	GEORGE MURRAY 1-16B1	2S 1W 16	4301330297		
\$960	EH BUZZI 1-11B2	2S 2W 11	4301330248	WSTCV	
5965	DL GALLOWAY 1-14B2	2S 2W 14	4301330564		
5970	STATE PICKUP 1-6B1E	2S 1E 6	4304730169	WSTCL	
5975	LAMICQ URRUTY 1-8A2	1S 2W 8	4301330036		
9770	SMITH 1-14C5	3S 5W 14	4301330980		
9895	RACHEL JENSEN 2-16C5	3S 5W 16	4301330912		
10452	LAKEFORK 2-13B4	2S 4W 13	4301331134		
10615	- MICH 2-381		The state of the s	A CONTRACTOR OF THE CONTRACTOR	
10616	NORLING 2-9B1	2S 1W 9	4301331151		
~10679	ROBERTSON 2-29A2	1S 2W 29	4301331150		
\10753	SHAW 2-27A2	1S 2W 27	4201221104	- 1 1 0 1	
~10764	LAMICQ URRUTY 4-17A2	1S 2W 17	4301331190	Dulg . WSTC Conf.	
`10785	BOREN 3-11A2 "	1S 2W 11	4301331192	$\mathbf{p}_{\mathbf{k}}$ or $\mathbf{p}_{\mathbf{k}}$	
\10794	LAMICQ 2-20A2	1S 2W 20	4301331191	11 11 11 00	A 43-013-31203
	► FRESTON 2-8B1	2S 1W 8	4301311203	CURRENTLY BEING DRILLED	73-013-31 200
	SALERATUS WASH 1-17C5 SHD		4301399998	SALT WATER DISPOSAL WELL	43-013-30388-CARU
	VANDERSON 2-28A2 SWD	1S 2W 28	420439999 2	SALT WATER DISPOSAL WELL	42-013-30346 UNTA
					וויאם טףכטביכוטייו

SUBMIT TRIPLICATES (Oth setrictions on review sult)

S' E OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OUR GAS AND MINING

DIVISIO	Fee/ML 13918			
SUNDRY NOTICE OF STREET	CES AND REPORTS OF HINE PLONG FOR PERSON OF MINE	and the state of t	T. UNIT AGREMENT NA	
ORL D THE OTHER	777	OCT 10 1989	S. FARM OR LEASE HAN	
Pennzoil Exploration and	d Production Company	DIVISION OF	Hatch	
P.O. Box 2967, Houston,	TX 77252	OIL, GAS & MINING	2-3B1	
4. LOCATION OF WELL (Report location cleans also space 17 below.)	early and in accordance with any St	tie requirements.	Bluebell/Was	
1588' FNL and 1544' FWL	(SE1/4 NW1/4)		11. 68C., T., B., M., OR I SURVEY OR AREA	LE. AITS
1300 PAL BIR 1344 TAL	(OLI) 4 MIL) I)		Sec 3, T2S, R1	
16. PERMIT NO. API 43 013 31147	18. BLEVATIONS (Show whether or, 5 5189 (GR)	1, 6A, 64A.)	Duchesne	UT
16. Check Ap	propriate Box To Indicate Na	ture of Notice, Report, or (Other Data Cart isont of:	
TEST WATER SHUT-OFF PRACTURE TREAT SHOOT OR ACIDIES REPAIR WELL (Other)	TULL OR ALTER CASING AUTHORS COMPLETE ABANDON* INANGE PLANS	('ompletion or Recomi	ALTERING CASANDORME	ASING PT-
17. DESCRIBE PROPOSED OR COMPLETED OPE proposed work. If well is directle neat to this work.) *	RATIONS (Clearly state all pertinent naily drilled, give subsurface location	derails, and give pertinent dater na and measured and true vertic	, including estimates out tal depths for all marker	and zones perti-

Propose to acidize Wasatch perfs 10568-10980' with 25,000 gallons. Then propose to remove bridge plug at 11,020' to resume production from Wasatch perforations 11434-12441'.

OIL AND GAS

DRN RJF

JRB GLH

DTS SLS

3- MICROFILM

FILE

SIGNED KALL I ALL LAND CONTROL AND COFFEE	_TITLE	Supervising Engineer	DATE 10-4-89
APPROVED BY CUMBLE. 'S OF APPROVAL, IF ANT:	TITLE	APPROVED BY T OF UTAH DIVI OLL, GAS, AND	SION MADE
See attachment.	e Instru	DATE: D-ZO-89 B Revene Side	

UTAH DIVISION OF OIL, GAS AND MINING CONDITIONS OF APPROVAL FOR WELL WORKOVER

Pennzoil Exploration and Production Company Hatch #2-3B1 Well Section 3, T. 2S, R. 1W Duchesne County, Utah October 20, 1989

Reference document:

Sundry notice dated October 4, 1989, received by DOGM on October 10, 1989.

1. Upon completion of the workover, the operator shall sumbit a complete subsequent notice of the work performed including a description of the intervals open in the wellbore.

OI58/110

OF UTAH

SUBMIT	TRIPLE	Alf:	
(Uth	and links	(30)	
	gar suite t		

DEPAI DIV	RTMENT OF NATURAL RESOUTISION OF OIL, GAS, AND MIN	RCES ING	FE/MI. 13.918 6. IF INDIAN; XCLOTTED OR TRIBE NAME
SUNDRY NO (Do not use this form for per Use "APP	OTICES AND REPORTS O	N WELLS	Z. SAN AGREMENT NAME
OIL X THE C OTHER	8	7	8. FARM OR LEADER HAMB
Pennzoil Exploration	and Production Company		Hatch
P.O. Box 2967, Housto	on, TX 77252	01L, GAS & MI	
Location of wall (Report least See also space 17 below.) At carface 1588' FNL and 1544' F	FWL (SEL NW4)	tate requirements.	Bluebell/Wasatch 11. SEC. 2. B. M., OR M.E. AFF
			Sec 3, T2S,R1W
14. PERMIT FO. API 43-013-31147	18. BLEVATIONS (Show whether so. 5189 (GL)	ST. CR. cla.)	Duchesne Utah
	Appropriate Box To Indicate N	ature of Notice, Report,	or Other Data
TEST WATER SEUT-OFF FRACTURE TREAT SHOOT OR ACIDIES REPAIR WELL	PULL OR ALTER CASING MULTIPLE COMPLETS ASANDON® CHANGE PLANS	WATER ENUT-OFF PRACTURE TREATMENT SMOUTING OR ACIDIZING (Other) (NOTE: Report FR	BEFORE CASING CASING
2. Removed CIBP from	perfs 10,568-10,980' with 11,020' to commingle all	l Wasatch perfs 10,	
J. Returned to para	THE HYDRIGHTE PUMPE	ig byoccini	OIL AND CATE DRN RIF JRB GLH DTS SLS I-TAS A MICROFILM FILE
SIGNED (This space for Fodoral or S		upervising Engineer	700
APPROVED BY	TITLE		DATE

isone ap i liveral metro pour m ef BWII IN IRINI (1711

DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL GAS AND MINING

	DIVIS	ION OF OIL, GAS	, AND MINI	NG	ſ	L LEADS SCOMPATION	
						FEE/ML 139	
SUN National ton (D)	IDRY NO	Tices and re extiging four feature	PORTS ON	WELLS	e.		
ORL W SAL	Π			PISC	Ten-	T. USIT MORRESOFT DE	MB
L PARS OF OFSEATOR	U 07238				S.J. (1)	L CALL DE LEAGE PAR	18
Pennzoil	Exploration	n and Production	on Company	OCT.	3 700	(C) MAFRIN	
	_	ston, Texas 77	252			AB1 2-5	?B 1
6. LOCATION OF WELL ()	Leport location	dearly and in seconds	en with any Sta	to requirements to SAS &	NOF MINUS	Bluebell/Wa	asatch
					""VING	11. ede. 7. s., H., 60 i	LR. 489
1588' FNI	and 1544	FWL (SE%, NW%))			Section 2,	
14. P88M77 PO.		IA SUPATIONS (She	w whether Mr. 57,	64. 66.)		L COUPTI OR PARISE	18. 07478
API 43-01	.3-31147	5189'	(GR)		1_1_1_	Duchesne	Utah
16.	Check A	ppropnete Box To	Indicate Nati	ire of Notice, Repo			
	POTICE OF 1975	FT30F 30:	_		*****	r issest es:	
7507 WATER SEVE-	•• 🗀	PULL OR ALTER CASING		WATER SHUT-000		BETAIRIPS W	
PRACTURE TREAT		MELTIPLE COMPLETS	 	PRACTURE TREATMEN		ALTERIPE CA	
8H007 04 ACIDES	X	ASARDON.	H	SHOUTING OR ACIDIE		ABA###################################	
REPAIR WELL (Other)	ب ا	CHAPGE PLAFE		(Other)	recults of Recomplets	multiple completies o	e Well
17 DESCRIBE PROPORTO OF		KRAZIONS (Clearly state	all pertinent de				
acidize i perfs, C	rom 9,298 BP could b	ck existing per to 10,992'. be drilled out. Ith remedial ce	Upon eval Any casi	uation of produ	ction i	from new	
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				APPRO1	VED BY	THE STATE	
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				BY:		SIZV (III)	•
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II. I boroby worthy that	the foregoing	s App and correct	<u> </u>				
BIGHTED KALM	16. Mu		ITLES	upervising Engi	lneer	DATE 10-8-9	<u> </u>
(This space for Fode	er sau of	les 800)					
APPRATED ST	PPBOTAL IF	NT:	17LE			DATS	

STATE OF UTAH DEPARTMENT THATURAL RESOURCES DIVISION OF OIL, GAS AND MINING

6. Lease De	signation and	l Serial	Numbe
FEE/M6	13918		

DIVISION OF OIL, GAS AND MININ	IG FEE/M6 13918 7. Indian Allottee or Tribe Name
SUNDRY NOTICES AND REPORTS O	IN WELLS
Do not use this form for proposals to drill new wells, deepen existing wells, or to res Use APPLICATION FOR PERMIT— for such propo	-DIECIEIUA EIII
1. Type of Well Oil Gas Other (specify)	NOV 16 1990 Hatch 2-3B1
2. Name of Operator Pennzoil Exploration and Production Company	10. API Well Number 43-013-31147-00
3. Address of Operator P.O. Box 2967, Houston, Texas 77252-2967	4. Telephore Number 11. Field and Pool, or Wildcat Bluebell
5. Location of Well Footage: : 1588' FNL and 1544' FWL QQ, Sec. T., R., M. : Section 23 T2S-R1W	County : Duchesne State : UTAH
12 CHECK APPROPRIATE BOXES TO INDICATE NA	
NOTICE OF INTENT (Submit in Duplicate)	SUBSEQUENT REPORT (Submit Original Form Only)
Abandonment	Abandonment * New Construction Casing Repair Pull or Alter Casing Change of Plans Shoot or Acidize Conversion to Injection Vent or Flare Fracture Treat Water Shut-Off Other
Other	Date of Work Completion 11/6/90
Approximate Date Work Will Start 10/24/90	Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form. * Must be accompanied by a cement verification report.
13. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertin locations and measured and true vertical depths for all markers and zones perting the state of the	nent details, and give pertinent dates. If well is directionally drilled, give subsurface nent to this work.)
The following is a summary of work performed	d from 10/24/90 to 11/6/90:
1. MIRU pulling unit.	
2. POOH with sidestring, 2-7/8" tubing and	вна.
3. Set CIBP at 11,019'.	
4. Perforated 9398-10,992' with 3 spf.	
5. Acidized perfs 9398-10,992' with 35,000	gallons 15% HC1.
6. Place well on production.	
14 I beach weetly the state of	

(State Use Only)

R. A. Williams Title Supervising Engineer //-/4-90



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office P.O. Box 45155 Salt Lake City, UT 84145-0155

In Reply Refer To: 3100 U-4377 UTU-66485 (UT-932)

MAR 2 6 1999

NOTICE

PennzEnergy Exploration and Production L.L.C.

P.O. Box 2967

Houston, TX 77252-2967

Oil and Gas

Merger Recognized

Acceptable evidence has been filed in this office concerning the merger of Pennzoil Exploration and Production Company into PennzEnergy Exploration and Production L.L.C. with PennzEnergy Exploration and Production L.L.C. being the surviving entity.

For our purposes, the merger is recognized effective December 28, 1998, (Secretary of State's approval date).

Oil and gas lease files U-4377 and UTU-66485 have been noted as to the merger. The lease file numbers were obtained from a list of leases drawn from our Automated Land and Mineral Record System (ALMRS). We have not abstracted the lease files to determine if the entity affected by the merger holds an interest in the leases identified nor have we attempted to identify leases where the entity is the operator on the ground maintaining no vested record title or operating rights interests. We are notifying the Minerals Management Service and all applicable Bureau of Land Management offices of the change by a copy of this notice. If additional documentation for changes of operator are required by our Field Offices, you will be contacted by them.

By recognition of the merger, the principal/obligor is automatically changed by operation of law from Pennzoil Exploration and Production Company to PennzEnergy Exploration and Production L.L.C. on Bond No. 8023 29 91 (BLM Bond No. NM0043). The principal/obligor is also automatically changed from Pennzoil Exploration and Production Company to PennzEnergy Exploration and Production L.L.C. on Bond No. 8134-90-99 (BLM Bond No. NM2142).

IRENUJ. ANDERSON

Irene J. Anderson Acting Group Leader. Minerals Adjudication Group

CC:

Moab Field Office Vernal Field Office

MMS, Reference Data Branch, MS 3130, Box 5860, Denver, CO 80217 State of Utah, DOGM, Attn: Kristen Risbeck (Ste. 1210), Box 145801, SLC, UT 84114-5801 Teresa Thompson (UT-931)



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office P.O. Box 45155 Salt Lake City, UT 84145-0155

In Reply Refer To: 3100 U-0115615 et al (UT-932)

MAR 2 6 1999

NOTICE

PennzEnergy Company P.O. Box 2967 Houston, TX 77252-2967

Oil and Gas

Merger Recognized

Acceptable evidence has been filed in this office concerning the merger of PennzEnergy Company into Pennzoil Company with PennzEnergy Company being the surviving entity.

For our purposes, the merger is recognized effective December 30, 1998, (Secretary of State's approval date).

The oil and gas lease files and communitization agreement computer files identified on the enclosed exhibit have been noted as to the merger. The exhibit was compiled from a list of leases obtained from our Automated Land and Mineral Record System (ALMRS). We have not abstracted the lease files to determine if the entity affected by the merger holds an interest in the leases identified nor have we attempted to identify leases where the entity is the operator on the ground maintaining no vested record title or operating rights interests. We are notifying the Minerals Management Service and all applicable Bureau of Land Management offices of the change by a copy of this notice. If additional documentation for changes of operator are required by our Field Offices, you will be contacted by them.

By recognition of the merger, the principal/obligor is automatically changed by operation of law from Pennzoil Company to PennzEnergy Company on Bond No. 8134-90-99 (BLM Bond No. NM2142).

IRENL A LANDERSCO

Irene J. Anderson Acting Group Leader. Minerals Adjudication Group

Enclosure

Exhibit

CC:

Moab Field Office Vernal Field Office

MMS, Reference Data Branch, MS 3130, Box 5860, Denver, CO 80217

State of Utah, DOGM, Attn: Kristen Risbeck (Ste. 1210), Box 145801, SLC, UT 84114-5801 Teresa Thompson (UT-931)



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office P.O. Box 45155 Salt Lake City, UT 84145-0155 RECEIVED

DIVISION OF OIL, GAS AND MINING

In Reply Refer To: 3106 U-0575A et al (UT-932)

FEB 1 6 2000

NOTICE

Devon Energy Production Company L.P. 20 North Broadway, Suite 1500

Oil and Gas U-0575A et al

Oklahoma City, Oklahoma 73102-8260

Merger Recognized

Acceptable evidence has been filed in this office concerning the merger of Devon Energy Corporation (Nevada) and PennzEnergy Exploration and Production Company, L.L.C. into Devon Energy Production Company, L.P. with that company being the surviving entity.

The oil and gas lease files listed on the enclosed exhibit have been noted as to the merger. The exhibit was compiled from your list of leases, and a list of leases obtained from our computer system. We have not attempted to identify leases where the entities are the operator on the ground maintaining no vested record title or operating rights interests. We are notifying the Minerals Management Service and all applicable Bureau of Land Management offices of the merger by a copy of this notice. If additional documentation for changes of operator are required by our Field Offices, you will be contacted by them.

PennzEnergy Company assigned 100 percent of the record title interest, in the following leases on the list submitted by Devon Energy Production Company L.P., to Barrett Resources Corporation (Barrett) effective January 1, 2000.

U-0143511

U-4377

UTU-67943

U-0143512

U-4378

Subsequently, Barrett assigned 100 percent of the record title interest to Coastal Oil & Gas Corporation effective February 1, 2000. A copy of this notice is being placed in these files to cover any overriding royalty interest that would be held by the surviving entity.

Lease U-0115614A is held 100 percent by Flying J Oil & Gas. PennzEnergy Company holds 100 percent of the record title interest in lease U-3575. No record title assignment assigning the interest to PennzEnergy Exploration and Production Company, L.L.C. has been filed in this office. A copy of this notice will be placed in the lease files to cover any overriding royalty interest that would be held by the surviving entity.

Leases U-61343, UTU-64532, UTU-66485 and UTU-75200 have expired and are closed on the records of this office.

An assumption rider for BLM Bond No. CO1104 has been filed in the Colorado State Office.

/s/ Robert Lopez

Robert Lopez Chief, Branch of Minerals Adjudication

Enclosure

Exhibit

cc: Vernal Field Office (w/encl.)

Moab Field Office (w/encl.)

MMS, Reference Data Branch, MS3130, P.O. Box 5860, Denver, CO 80217 (w/encl.) State of Utah, DOGM, Attn: Kristen Risbeck (Ste. 1210), Box 145801, SLC, UT (w/encl.)

Teresa Thompson (UT-931) (w/encl.) Irene Anderson (UT-932) (w/encl.) LaVerne Steah (UT-942) (w/encl.)

Exhibit of Leases

U-0575A	U-0141459	U-4377
U-01188B	U-0143511	U-4378
U-016654	U-0143512	U-16131
U-0115614A	U-0144868A	U-31262
U-0115615	U-3099	U-44426
U-0126825	U-3575	UTU-67943
U-0141454	11T11_74888	= 1 0 01010

Communitization Agreements

U-58774	U-58835	U-60827
U-58799	U-58839	U-60831
U-58830	U-58844	U-68998
U-58834	U-58854	0 00000

Devon Energy Production Company, L.P.

FILED

DEC 3 0 1999

Certificate of Merger

OKLAHOMA SECRETARY OF STATE

TO:

The Oklahoma Secretary of State

101 State Capitol

Oklahoma City, Oklahoma 73105

Devon Energy Production Company, L.P., a limited partnership organized under the laws of the State of Oklahoma, for the purpose of filing a Certificate of Merger pursuant to the provisions of 54 O.S. § 310.1, does hereby execute the following Certificate of Merger:

1. The name and jurisdiction of formation or organization of each of a domestic limited partnership, a foreign corporation and a foreign limited liability company which are to merge are:

Name of Organization	Type of Organization	Jurisdiction of Formation
Devon Energy Production Company, L.P.	Limited Partnership	Oklahoma
Devon Energy Corporation (Nevada)	Corporation	Nevada
PennzEnergy Exploration and Production Company, L.L.C.	Limited Liability Company	Delaware

- 2. An Agreement of Merger has been approved and executed by the limited partnership, the corporation and the limited liability company which are to merge.
 - 3. The name of the surviving or resulting limited partnership is:

Devon Energy Production Company, L.P.

- 4. The merger shall be effective upon the filing of this Certificate of Merger with the Secretary of State of Oklahoma.
- 5. The Agreement of Merger is on file at the place of business of the surviving limited partnership at 1500 Mid-America Tower, 20 North Broadway, Oklahoma City, Oklahoma 73102.
- 6. A copy of the Agreement of Merger shall be furnished by the surviving or resulting limited partnership, upon request and without cost, to any partner of any limited partnership or any person holding an interest in any other business entity which is to merge.

MAR 1 3 2000

DIVISION OF OIL, GAS AND MINING

DATED as of the 30th day of December, 1999.

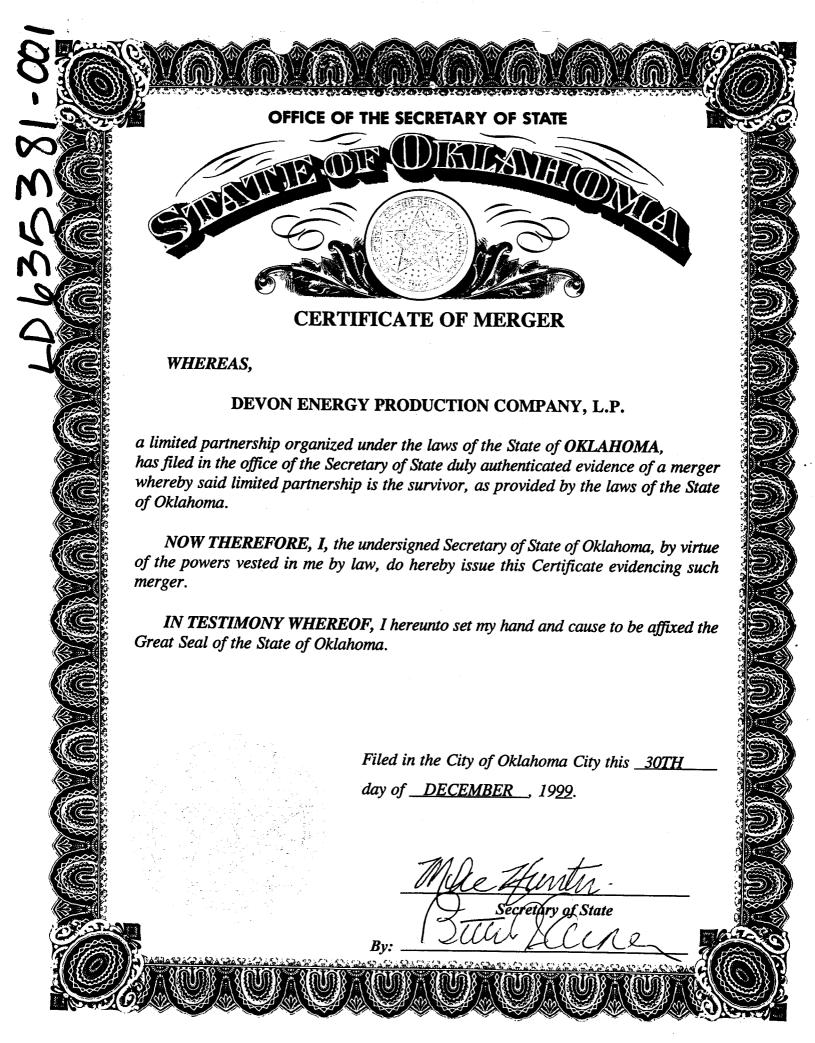
Devon Energy Management Company, L.L.C. General Partner

J. Larry Nichola, M.

RECEIVED

MAR 1 3 2000

DIVISION OF OIL, GAS AND MINING



Division of Oil, Gas and Mining

OPERATOR CHANGE WORKSHEET

1. GLH / 4-KAS 2. CDW 5-SP0 / 3. JLT 6-FILE

Enter date after each listed item is completed

Change of Operator (Well Sold)

Designation of Agent

04/20/2000

04/20/2000

Operator Name Change (Only)

The operator of the well(s) listed below has changed, effective:

X Merger

04-01-2000

The operator of the wen(s) listed below has changed, exceeded				-		
FROM: (Old Operator):		TO: (Ne	w Operator):			
PENNZOIL COMPANY		DEVON E	ENERGY EXP	L & PROD	CO LLC	
Address: P. O. BOX 290	_	Address:	20 NO. BROA	ADWAY S	TE 1500	
NEOLA, UT 84053	_	OKLAHO	MA CITY, OK	73102-82	50	
	_	71 1	105) 005 061		· 	
Phone: 1-(435)-353-4121	_		405)-235-3611			
Account No. N0705	_	Account	N1275		···	
CA No	•	Unit:				* ***
WELL(S)						
	API	ENTITY	SEC. TWN	LEASE	WELL	WELL
NAME	NO.	NO.	RNG	TYPE	TYPE	STATUS
DUNCAN 4-2A2	43-013-31276	11258	02-01S-02W	FEE	GW	P
MECCA 2-8A2	43-013-31231		08-01S-02W	FEE	ow	P
HAMBLIN 3-9A2	43-013-31278		09-01S-02W		GW	P
SUNDANCE 4-15A2	43-013-31333	11269	15-01S-02W	FEE	ow	P
LAMB 2-16A2	43-013-31390	11487	16-01S-02W	FEE	ow	S
LAMICQ URRITY 4-17A2	43-013-31190	10764	17-01S-02W	FEE	ow	P
LAMICQ 2-20A2	43-013-31191	10794	20-01S-02W	FEE	ow	P
LORANGER 6-22A2	43-013-31334	11335	22-01S-02W	FEE	ow	P
LABRUM 2-23A2	43-013-31393	11514	23-01S-02W	FEE	OW	P
LORANGER 2-24A2	43-013-31322	11244	24-01S-02W	FEE	ow	P
SHAW 2-27A2	43-013-31184	10753	27-01S-02W	FEE	ow	P
WISSE 3-35A2	43-013-31215	10925	35-01S-02W	FEE	ow	P
COX 2-36A2	43-013-31335	11330	36-01S-02W	FEE	ow	P
HATCH 2-3B1		10615	Torque to an annual torque		ow	P
BAR F 2-5B1	43-013-31286	11113	05-02S-01W		ow	P
FRESTON 2-8B1	43-013-31203	10851	08-02S-01W	FEE	ow	P
NORLING 2-9B1	43-013-31151	10616	09-02S-01W	FEE	ow	P
EDWARDS 3-10B1	43-013-31332		10-02S-01W	FEE	ow	P
POWELL 2-16B1	43-013-31820	12342	16-02S-01W	FEE	ow	P
CHAPMAN 2-4B2	43-013-31378	11485	04-02S-02W	FEE	ow	P
PEARSON 2-11B2	43-013-31356		11-02S-02W		ow	P
SMITH 2-9C5	43-013-31321	11245	09-03S-05W		ow	P
BALLARD 2-15B1	43-047-32351	11476	15-02S-01W	 	ow	S

(R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on:

(R649-8-10) Sundry or legal documentation was received from the NEW operator on:

Is the new operator registered in the State of Utah: YES Business Number: 4549132-0143 If NO, the operator was contacted contacted on: Federal and Indian Lease Wells: The BLM and or the BIA has approved the (merger, name change, or operator change for all wells listed on Federal or Indian leases on: 02/16/2000 Federal and Indian Units: The BLM or BIA has approved the successor of unit operator for wells listed on: N/A Federal and Indian Communization Agreements ("CA"): The BLM or the BIA has approved the operator change for all wells listed involved in a CA on: N/A Underground Injection Control ("UIC") Pro; The Division has approved UIC Form 5, Transfer of Authority to Inject, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A ATA ENTRY: Changes entered in the Oil and Gas Database on: 10/16/2000 Changes have been entered on the Monthly Operator Change Spread Sheet on: 10/16/2000 Bond information entered in RBDMS on: Fee wells attached to bond in RBDMS on: TATE BOND VERIFICATION:		
If NO, the operator registered in the State of Utah: YES		
If NO, the operator was contacted contacted on: Federal and Indian Lease Wells: The BLM and or the BIA has approved the (merger, name change, or operator change for all wells listed on Federal or Indian leases on: O2/16/2000 Federal and Indian Units: The BLM or BIA has approved the successor of unit operator for wells listed on: N/A Federal and Indian Communization Agreements ("CA"): The BLM or the BIA has approved the operator change for all wells listed involved in a CA on: Underground Injection Control ("UIC") Pro; The Division has approved UIC Form 5, Transfer of Authority to Inject, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A NATA ENTRY: Changes entered in the Oil and Gas Database on: 10/16/2000 Bond information entered in RBDMS on: Fee wells attached to bond in RBDMS on: TATE BOND VERIFICATION: State well(s) covered by Bond No: EE WELLS - BOND VERIFICATION/LEASE INTEREST OWNER NOTIFICATION: (R649-3-1) The NEW operator of any fee well(s) listed has furnished a bond: YES The FORMER operator has requested a release of liability from their bond on: 10/03/2000 (R649-2-10) The FORMER operator of the Fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: 10/17/2000 ILMING: All attachments to this form have been MICROFILMED on: 3-2-0/ ILING: ORIGINALS/COPIES of all attachments pertaining to each individual well have been filled in each well file on:	3. <i>'</i>	The new company has been checked through the Department of Commerce, Division of Corporations Database on: 10/12/200
Federal and Indian Lease Wells: The BLM and or the BIA has approved the (merger, name change, or operator change for all wells listed on Federal or Indian leases on: 02/16/2000 Federal and Indian Units: The BLM or BIA has approved the successor of unit operator for wells listed on: N/A Federal and Indian Communization Agreements ("CA"): The BLM or the BIA has approved the operator change for all wells listed involved in a CA on: N/A Underground Injection Control ("UIC") Pro; The Division has approved UIC Form 5, Transfer of Authority to Inject, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A ATA ENTRY: Changes entered in the Oil and Gas Database on: 10/16/2000 Changes have been entered on the Monthly Operator Change Spread Sheet on: 10/16/2000 Bond information entered in RBDMS on: Fee wells attached to bond in RBDMS on: TATE BOND VERIFICATION: State well(s) covered by Bond No.: EE WELLS - BOND VERIFICATION/LEASE INTEREST OWNER NOTIFICATION: (R649-3-1) The NEW operator of any fee well(s) listed has furnished a bond: YES The FORMER operator has requested a release of liability from their bond on: 09/26/2000 (R649-2-10) The FORMER operator of the Fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: 10/17/2000 ILMING: All attachments to this form have been MICROFILMED on: 3-3-0/ ILLING: ORIGINALS/COPIES of all attachments pertaining to each individual well have been filled in each well file on: 1.	. :	Is the new operator registered in the State of Utah: YES Business Number: 4549132-0143
or operator change for all wells listed on Federal or Indian leases on: O2/16/2000	j. :	If NO, the operator was contacted contacted on:
for wells listed on: N/A Federal and Indian Communization Agreements ("CA"): The BLM or the BIA has approved the operator change for all wells listed involved in a CA on: N/A Underground Injection Control ("UIC") Pro; The Division has approved UIC Form 5, Transfer of Authority to Inject, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A ATA ENTRY: Changes entered in the Oil and Gas Database on: 10/16/2000 Changes have been entered on the Monthly Operator Change Spread Sheet on: 10/16/2000 Bond information entered in RBDMS on: Fee wells attached to bond in RBDMS on: TATE BOND VERIFICATION: State well(s) covered by Bond No.: EE WELLS - BOND VERIFICATION/LEASE INTEREST OWNER NOTIFICATION: (R649-3-1) The NEW operator of any fee well(s) listed has furnished a bond: YES The FORMER operator has requested a release of liability from their bond on: 09/26/2000 The Division sent response by letter on: 10/03/2000 (R649-2-10) The FORMER operator of the Fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: 10/17/2000 ILMING: All attachments to this form have been MICROFILMED on: 3-3-0/ ILMING: ORIGINALS/COPIES of all attachments pertaining to each individual well have been filled in each well file on:	5.	
Federal and Indian Communization Agreements ("CA"): The BLM or the BIA has approved the operator change for all wells listed involved in a CA on: N/A	7.	* * *
for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A	3.	Federal and Indian Communization Agreements ("CA"): The BLM or the BIA has approved the operator
Changes entered in the Oil and Gas Database on: 10/16/2000 Changes have been entered on the Monthly Operator Change Spread Sheet on: 10/16/2000 Bond information entered in RBDMS on: Fee wells attached to bond in RBDMS on: TATE BOND VERIFICATION: State well(s) covered by Bond No.: EE WELLS - BOND VERIFICATION/LEASE INTEREST OWNER NOTIFICATION: (R649-3-1) The NEW operator of any fee well(s) listed has furnished a bond: YES The FORMER operator has requested a release of liability from their bond on: 09/26/2000 The Division sent response by letter on: 10/03/2000 (R649-2-10) The FORMER operator of the Fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: 10/17/2000 ILMING: All attachments to this form have been MICROFILMED on: 3, 3, 3, 6 CILING: ORIGINALS/COPIES of all attachments pertaining to each individual well have been filled in each well file on:	€.	Underground Injection Control ("UIC") Pro: The Division has approved UIC Form 5, Transfer of Authority to Inject, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A
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TATE BOND VERIFICATION: State well(s) covered by Bond No.: EE WELLS - BOND VERIFICATION/LEASE INTEREST OWNER NOTIFICATION: (R649-3-1) The NEW operator of any fee well(s) listed has furnished a bond: The FORMER operator has requested a release of liability from their bond on: 10/03/2000 (R649-2-10) The FORMER operator of the Fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: 10/17/2000 TLMING: All attachments to this form have been MICROFILMED on: ORIGINALS/COPIES of all attachments pertaining to each individual well have been filled in each well file on:	3.	Bond information entered in RBDMS on:
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ORIGINALS/COPIES of all attachments pertaining to each individual well have been filled in each well file on:		
OMMENTS:		
	COI	MMENTS:

STATE OF UTAH DIVISION OF OIL GAS AND MININ

		DESIGNATIO	N OF AGENT	OR OPERATOR
The undersiç	ned is, on record	d, the holder of oil and	gas lease	
LEASE N	ME: As per	the attached spr	readsheet.	
LEASE NU	MBER:		•	
and hereby d	esignates			
NAME: _	Devon Energy	Production Compa	iny, L.P.	
				City, OK 73102-8260
ompliance wi	iou alu ul mu	HILLING LAVESION LUMPCTOY	' Of AUSTROOFIED AC	omplying with the terms of the lease and regulation that may serve written or oral instructions in sectoural Rules of the Board of Oil, Gas and Mining of the Board of Oil, Gas and Oil Oil, Gas and Oil
	ttached spread		of and gas well by some and	API number. Affects additional pages as needed.)
Note:	Please use A	April 1, 2000 as 1	the starting o	date for production reporting purpose
			R	RECEIVED
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				- P -11 4
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ite of Utah. It he lease. case of defau se terms or o	is also understood it on the part of the orders of the Boar	od that this designation the designated agent/op rd of Oil, Gas and Minin	oes not relieve the Rules and Proced of agent or operal perator, the lessee ng of the State of (L, GAS AND MINING lessee of responsibility for compliance with the te ural Rules of the Board of Oil, Gas and Mining of tor does not constitute an assignment of any inte will make full and prompt compliance with all ru Utah or its authorized representative.
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te of Utah. It he lease. case of defause terms or or or lessee agreentive Date or (Name)	is also understood it on the part of the orders of the Boar es to promptly no of Designation:	od that this designation the designated agent/op and of Oil, Gas and Minim otify the Division Director January 1, 2000	oes not relieve the Rules and Procedi of agent or operator, the lesseeing of the State of the Or or Authorized Agent OF: (Company)	L, GAS AND MINING lessee of responsibility for compliance with the terms and Rules of the Board of Oil, Gas and Mining of tor does not constitute an assignment of any interval make full and prompt compliance with all rules or its authorized representative. Gent of any change in this designation. PennzEnergy Exploration and Product

HECEIVED

APR 20 2000

DEVON ENERGY PRODUCTION COMPANY, L.P. UTAH PROPERTIES

DIVISION OF OIL GAS AND MINING

						LEASE NO. /
	API NO.	WELL NAME & NO.	LOCATION	COUNTY	FIELD NAME	AGREEMENT NO.
28	4301330297	GEORGE MURRAY 1-16B1	SENW-16-2S-1W	DUCHESNE	BLUEBELL	
29	4301330307	UTE ALLOTTED 1-36Z2	NWSE-36-1N-2W	DUCHESNE	BLUEBELL	1420H621676 / 9C124
30	4301330347	LAMICQ URRUTY U 4-5A2	SENW-5-1S-2W	DUCHESNE	BLUEBELL	
31	4301330359	H G COLTHARP 1-15B1	SENW-15-2S-1W	DUCHESNE	BLUEBELL	
32	4301330369	STATE 3-18A1	NESW-18-1S-1W	DUCHESNE	BLUEBELL	9C142
~ √3	4301330564	D L GALLOWAY 1-14B2	SWNE-14-2S-2W	DUCHESNE	BLUEBELL	
ب س	4301330807	MARGUERITE 2-8B2	SENW-8-2S-2W	DUCHESNE	BLUEBELL	96102
35	4301330809	LAMICQ 2-6B1	NWSE-6-2S-1W	DUCHESNE	BLUEBELL	
36	4301330821	DILLMAN 2-28A2	SWNE-28-1S-2W	DUCHESNE	BLUEBELL	
37	4301330903	HAMBLIN 2-26A2	SWNE-26-1S-2W	DUCHESNE	BLUEBELL	
38	4301330912	RACHEL JENSEN 2-16C5	NENW-16-3S-5W	DUCHESNE	ALTAMONT	
39	4301330921	ROBERTSON UTE 2-2B2	NENE-2-2S-2W	DUCHESNE	BLUEBELL	9682
40	4301330975	JOHN 2-3B2	NWNE-3-2S-2W	DUCHESNE	BLUEBELL	
41	4301330995	LAMICQ ROBERTSON STATE 2-1B2	SWNE-1-2S-2W	DUCHESNE	BLUEBELL	
42	4301331009	UTE 2-7A2	CNE-7-1S-2W	DUCHESNE	BLUEBELL	1420462811
43	4301331147	HATCH 2-3B1	SENW-3-2S-1W	DUCHESNE	BLUEBELL	
44	4301331151	NORLING 2-9B1	SWSW-9-2S-1W	DUCHESNE	BLUEBELL	
45	4301331184	SHAW 2-27A2	SESW-27-1S-2W	DUCHESNE	BLUEBELL	
40	4301331190	LAMICQ URRUTY 4-17A2	SENW-17-1S-2W	DUCHESNE	BLUEBELL	
41	4301331191	LAMICQ 2-20A2	SESE-20-1S-2W	DUCHESNE	BLUEBELL	
48	4301331192	BOREN 3-11A2	SWSW-11-1S-2W	DUCHESNE	BLUEBELL	96107
49	4301331203	FRESTON 2-8B1	SWNE-8-2S-1W	DUCHESNE	BLUEBELL	
50	4301331215	WISSE 3-35A2	SWSW-35-1S-2W	DUCHESNE	BLUEBELL	
51	4301331231	MECCA 2-8A2	SESE-8-1S-2W	DUCHESNE	BLUEBELL	
52	4301331232	MARK 2-25A2	NWNE-25-1S-2W	DUCHESNE	BLUEBELL	NW537
53	4301331233	DUNCAN 4-12A2	SWNW-12-1S-2W	DUCHESNE	BLUEBELL	UTU77363
54	4301331235	SWYKES 2-21A2	NWNW-21-1S-2W	DUCHESNE	BLUEBELL	NW590

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APR 2 0 2000

DEVON ENERGY PRODUCTION COMPANY, L.P. UTAH PROPERTIES

DIVISION OF OIL, GAS AND MINING

						LEASE NO. /
	API NO.	WELL NAME & NO.	LOCATION	COUNTY	FIELD NAME	AGREEMENT NO.
55	4301331238	SHERMAN 2-12B2	SWSE-12-2S-2W	DUCHESNE	BLUEBELL	9690
56	4301331245	MILES 7-7B3	SWNW-7-2S-3W	DUCHESNE	ALTAMONT	9675
57	4301331276	DUNCAN 4-2A2	NESE-2-1S-2W	DUCHESNE	BLUEBELL	
58	4301331278	HAMBLIN 3-9A2	SENE-9-1S-2W	DUCHESNE	BLUEBELL	
59	4301331285	DUNCAN 3-7A1	NWNW-7-1S-1W	DUCHESNE	BLUEBELL	
_en	4301331286	BAR F 2-5B1	SWSE-5-2S-1W	DUCHESNE	BLUEBELL	
<u> </u>	4301331299	CORNABY 2-14A2	NENE-14-1S-2W	DUCHESNE	BLUEBELL	NW498
62	4301331317	MITCHELL 2-4B1	SESW-4-2S-1W	DUCHESNE	BLUEBELL	9662
63	4301331321	SMITH 2-9C5	SWSW-9-3S-5W	DUCHESNE	ALTAMONT	
64	4301331322	LORANGER 2-24A2	N/2NE-24-1S-2W	DUCHESNE	BLUEBELL	
65	4301331325	UTE 2-6B3	SWSW-6-2S-3W	DUCHESNE	ALTAMONT	1420H621858 / 9651
66	4301331326	MCELPRANG 2-30A1	SWSW-30-1S-1W	DUCHESNE	BLUEBELL	NW625
67	4301331327	SMITH 2-7C5	NESW-7-3S-5W	DUCHESNE	ALTAMONT	1420H622389
68	4301331328	SMITH 2-18C5	SWSE-18-3S-5W	DUCHESNE	ALTAMONT	1420H622392
69	4301331329	UTE 2-24A3	SWNW-24-1S-3W	DUCHESNE	BLUEBELL	1420H621761
70	4301331330	UTE 5-19A2	NWNW-19-1S-2W	DUCHESNE	BLUEBELL	1420H621751
71	4301331332	EDWARDS 3-10B1	SWSW-10-2S-1W	DUCHESNE	BLUEBELL	
72	4301331333	SUNDANCE 4-15A2	SWNE-15-1S-2W	DUCHESNE	BLUEBELL	
_ ∫کد	4301331334	LORANGER 6-22A2	SWSW-22-1S-2W	DUCHESNE	BLUEBELL	
. +	4301331335	COX 2-36A2	NWNW-36-1S-2W	DUCHESNE	BLUEBELL	
75	4301331338	SMITH 2-6C5	SESW-6-3S-5W	DUCHESNE	ALTAMONT	1420H622388 / UTU70553
76	4301331341	FRESTON 2-7B1	SENE-7-2S-1W	DUCHESNE	BLUEBELL	1420H621970 / 9686
77	4301331356	PEARSON 2-11B2	SENE-11-2S-2W	DUCHESNE	BLUEBELL	
78	4301331378	CHAPMAN 2-4B2	SWNW-4-2S-2W	DUCHESNE	BLUEBELL	
79	4301331390	LAMB 2-16A2	NENE-16-1S-2W	DUCHESNE	BLUEBELL	
80	4301331393	LABRUM 2-23A2	SWSW-23-1S-2W	DUCHESNE	BLUEBELL	
81	4301331820	POWELL 2-16B1	NENE-16-2S-1W	DUCHESNE	BLUEBELL	

DEVON ENERGY PRODUCTION COMPANY, L.P. UTAH PROPERTIES

	API NO.	WELL NAME & NO.	LOCATION	COUNTY	FIELD MAAR	LEASE NO. /
82	4304730164	ROBERTSON UTE ST 1-12B1			FIELD NAME	AGREEMENT NO.
83			SWNE-12-2S-1W	UNITAH	BLUEBELL	96101
	4304730176	MAY UTE FEDERAL 1-13B1	NWSE-13-2S-1W	UNITAH	BLUEBELL	NW673
84	4304731981	COOK 1-26B1	SWSW-26-2S-1W	UNITAH	BLUEBELL	UTU68998
85	4304732178	CHRISTIANSEN 2-12B1	SWSE-12-2S-1W	UNITAH	BLUEBELL	96101
86	4304732351	BALLARD 2-15B1	SENE-15-2S-1W	UNITAH	BLUEBELL	30101
~-	4304732744	RICH 2-13B1	NWNW-13-2S-1W	UNITAH	BLUEBELL	NW673
						1441070
88	4301320255	SWD 4-11A2	NWNW-11-1S-2W	DUCHESNE	BLUEBELL	00107
89	4301330021	SWD 1-3A2	SESE-3-1S-2W	DUCHESNE	BLUEBELL	96107
90	4301330346	SWD 2-28A2	NWSE-28-1S-2W	DUCHESNE	BLUEBELL	
91	4301330367	SWD 2-10B1	NWNW-10-2S-1W	DUCHESNE	BLUEBELL	
92	4301330389	SWD 2-26A2	NESW-26-1S-2W	DUCHESNE		
93	4301330388	SWD 2-17C5	SENE-17-3S-5W	DUCHESNE	BLUEBELL BLUEBELL	

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APR 2 0 2000

DIVISION OF OIL, GAS AND MINING

	FORM 9							
	STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINI		5.LEASE DESIGNATION AND SERIAL NUMBER: FEE					
SUNDF	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:							
	sals to drill new wells, significantly deepen e gged wells, or to drill horizontal laterals. Use		7.UNIT or CA AGREEMENT NAME:					
1. TYPE OF WELL Oil Well			8. WELL NAME and NUMBER: HATCH 2-3B1					
2. NAME OF OPERATOR: DEVON ENERGY PROD CO LP			9. API NUMBER: 43013311470000					
3. ADDRESS OF OPERATOR: P.O. Box 290 8345 North 512		NE NUMBER: 105 552-7883 Ext	9. FIELD and POOL or WILDCAT: BLUEBELL					
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1588 FNL 1544 FWL QTR/QTR, SECTION, TOWNSHI	IP, RANGE, MERIDIAN:		COUNTY: DUCHESNE STATE:					
	Township: 02.0S Range: 01.0W Meridian: U	I	UTAH					
CHE	CK APPROPRIATE BOXES TO INDICATE	NATURE OF NOTICE, REPORT,	OR OTHER DATA					
TYPE OF SUBMISSION		TYPE OF ACTION						
	✓ ACIDIZE	ALTER CASING	CASING REPAIR					
NOTICE OF INTENT Approximate date work will start:	CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME					
4/8/2010	CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE					
SUBSEQUENT REPORT	DEEPEN	FRACTURE TREAT	☐ NEW CONSTRUCTION					
Date of Work Completion:	OPERATOR CHANGE	PLUG AND ABANDON	☐ PLUG BACK					
_	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION					
SPUD REPORT Date of Spud:	✓ REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON					
	TUBING REPAIR	VENT OR FLARE	WATER DISPOSAL					
DRILLING REPORT	☐ WATER SHUTOFF [SI TA STATUS EXTENSION	APD EXTENSION					
Report Date:	☐ WILDCAT WELL DETERMINATION [OTHER	OTHER:					
12. DESCRIBE PROPOSED OR CO	 DMPLETED OPERATIONS. Clearly show all perti	nent details including dates, depths, v	volumes, etc.					
cleaned out to 12,43 intervals 10,620 - 1 isolate, perforate a	Attempted to lower seat nipple while repairing rods and encountered fill and cleaned out to 12,435'. Devon intends on perforating and acidizing Wasatch intervals 10,620 - 11,373'. Swab test new intervals. Based on evaluation, isolate, perforate and acidize Lower Green River intervals 8,764 - 9,213'. Attachment: well history and procedure Approved by the Utah Division of Oil, Gas and Mining							
			April 08, 2010					
NAME (PLEASE PRINT) Deanna Bell	PHONE NUMBER 435 353-5780	TITLE Senior Field Technician						
SIGNATURE		DATE 4/9/2010						
N/A		4/8/2010						



The Utah Division of Oil, Gas, and Mining

- State of UtahDepartment of Natural Resources

Electronic Permitting System - Sundry Notices

Sundry Conditions of Approval Well Number 43013311470000

Authorization: Board Cause No. 139-84

Approved by the Utah Division of Oil, Gas and Mining

DEVON ENERGY PRODUCTION COMPANY WORKOVER PROCEDURE

HATCH 2-3B1 SE/NW SECTION 3, T2S, R1W BLUEBELL/ALTAMONT FIELD DUSCHESNE COUNTY. UTAH

> AFE 154142 Property # 63028-001 Prepared 4/6/2010 - JDA

OBJECTIVE:

Perforate and acidize additional Wasatch intervals from 10,620'-11,373' overall. Swab test new interval. Based on evaluation, isolate, perforate and acidize Lower Green River intervals from 8,764'-9,213' overall. Swab test new interval. Install a rod pump system and return to production.

JUSTIFICATION:

The Hatch 2-3B1 was originally completed in 1986 in the Wasatch intervals. Perforations were added to the wellbore in 1988 (Wasatch) and 1990 (Wasatch). The well currently produces from intervals above 12,480' at ~10 BOPD and ~170 MCFD.

Cumulative production from the well to date is 520 MBO and 1,003 MMCF.

This workover will add 96' of Lower Green River and Wasatch perforations in 2 stages. These will be added in 11 intervals with 96', 384 holes from 8,764' to 11,373' overall. Stage 1 perforations are interspersed with existing perforations, while stage 2 perforations are entirely new. These intervals have good gas shows with several noted oil shows.

WELL DATA:

API No. 43-013-31147

Completion date: May 1986 Total Depth: 13,497'

Original PBTD: 13,460'

HATCH 2-3B1, LOWER GREEN RIVER & WASATCH

Current PBTD: 12,480' (CIBP)

Current Status: Producing (currently ~10 BOPD & ~170 MCFD)

Surface Casing: 10 ¾", 45.5# K-55 at 2666'

Intermediate casing: 7 5/8", 29.7# N-80/S-95 at 10,315'

Liner: 5 ½", 20# at 9948-13497'

Perforations: 13258-13459, 12502-12748, 1986

11914-12441, 11028-11362 1986 10568-10980 1988

9398-10992 1990

Other: CIBP at 13,099'

CIBP at 12,480' with packer & CIBP remains on top

WELL HISTORY:

05-03-86	Perforated 13258-13459', 14 intervals, 46', 106 holes.
05-07-86	Acidized perforations 13258-13459 with 10,000 gals 7 ½% HCL
05-12-86	Set CIBP at 13099', left Baker FB-1 packer at 13,100'.
05-13-86	Perforated Wasatch 12791-13075', 12 intervals, 95', 202 holes.
05-16-86	Acidized perforations 12791-13075' with 15000 gals 7 ½% MSR acid.
05-21-86	Set CIBP at 12768', left Baker FB-1 packer at 12,770'.
05-22-86	Perforate Wasatch 12502-12748', 15 intervals, 135', 285 holes.
05-26-86	Acidized perforations 12502-12748' with 20000 gals 7 ½% HCL.
05-30-86	Removed Guiberson packer at 12,475'.
05-31-86	Set CIBP at 12480'.
06-01-86	Perforate Wasatch 11914-12441', 12 intervals, 179', 370 holes. Set Baker FB-1 packer at 11,870'.
06-04-86	Acidized perforations 11914-12441' with 15000 gals 15% HCL.
06-12-86	Acidized perforations 11914-12441' with 40000 gals of 7 ½% and 25% HCL.

07-22-86	Set Baker FSG plug in F nipple at 11,889'.
07-24-86	Perforated 11434-11846', 14 intervals, 182', 378 holes
07-26-86	Acidized perforations 11434-11846' with 15000 gals 15% HCL and 15000 gals 7 ½% HCL acid.
09-22-86	Removed Baker FB-1 packer at 11,410'.
09-29-86	Milled out Baker FB-1 packer at 11,870' and pushed to 12,420'
09-30-86	Set CIBP at 11,425'.
10-01-86	Perforate Wasatch 11028-11362', 15 intervals, 104', 223 holes. Set Guiberson Uni-Packer X at 10980'.
10-07-86	Acidized perforations 11028-11362' with $$ 7500 gals 15% and 7500 gals 7 $$ ½% HCL.
01-15-87	Removed Guiberson packer at 10980'.
01-17-87	Sand frac'd perforations 11028-11363'. Screened out after 50,000# interprop and 10,000 sand.
01-27-87	Drilled out CIBP at 11,425' and chased to 12420'.
02-03-87	Set Baker FB-1 packer at 10,800'.
10-07-87	Installed National hydraulic pumping equipment.
06-23-88	Removed Baker FB-1 packer at 10,800'.
06-25-88	Set CIBP at 11,020'.
06-28-88	Perforated Wasatch 10568-10980', 4 intervals, 358', 716 holes.
10-30-89	Acidized perforations 10568-10980' with 15000 gals 7 ½% HCL and 1500 SCF/BBL CO2.
11-07-89	Drilled out CIBP at 11,020', pushed to 11192'.
10-29-90	Perforated 9398-10992, 51 intervals, 719', 2157 holes.
11-02-90	Acidized with 35000 gals 15% HCL.

11-06-90 Ran production log with well flowing 60 BOPD and 22 BWPD

9400' 20% of the oil

10660' 80% of the water

10750' 80% of the oil and all gas 10824' Very minor oil production.

Could not tell where other 20% water was coming from.

- 09-11-91 Installed pumping unit and put on rod pump.
- 11-12-96 Installed Rotaflex pumping unit
- 04-26-03 Ran "Y" tool, btm at 9330"
- 05-13-03 Pulled "Y" tool, fluid level not high enough to pump, ran back to 10232'.
- 8-10-05 Lowered PSN to 10891'. Changed p/u fm Rotaflex to Lufkin 640-405-156.

PROCEDURE:

- 1. RDMO pumping unit.
- 2. MIRU workover rig with pump and tank. Test the deadmen prior to moving in and rigging up.
- 3. POOH with rods & pump, 2-3/8" tubing sidestring, 2-7/8" production tubing.
- 4. Record fluid level and casing pressure in order to calculate static pressure below plug in step 17.
- 5. TIH with a 6.75" casing scraper (for 7-5/8", 29.7#/ft casing) on tubing to 9,940'. POOH.
- 6. TIH with a 4.001" bit and scraper (for 5-1/2", 20#/ft liner) on tubing to ~12,440'. Attempt to circulate fluid to surface. POOH.
- 7. Rig up wireline with a full lubricator and grease for pressure control. Perforate Wasatch 10,620'-11,373' overall in 6 intervals with 3-1/8" HSC guns as per perforation detail for stage 1. Correlate depths to Schlumberger's CBL dated 3-29-86. Monitor the fluid level and pressure while perforating.

- 8. TIH with 2-7/8" tubing and a 7-5/8" treating packer for 29.7#/ft casing (packer to ~9,350'), with 3,060' of 2-7/8" tailpipe below packer (end of tailpipe at ~12,410'). **Note-** Annular volume of 7-5/8", 29.7# casing and 2-7/8" tubing is 0.0379 BBI/ft or ~1.59 gal/ft, annular volume of 5-1/2", 20# liner and 2-7/8" tubing is ~0.0141 bbI/ft or ~0.59 gal/ft.
- 9. If circulation was obtained in step 6, attempt to circulate produced fluid to surface. Pump 5,000 gallons of 15% HCl acid with standard additives (leaves ~2,000 gallons of acid between the tubing and casing). Shutdown and set the 7-5/8" treating packer at 9,350'. Pump the remaining 2,000 gallons of acid, then displace and overflush the acid by squeezing into the perforations 7,000 gallons of produced water.
- 9.b. If circulation was not obtained in step 6, circulate 12,000 gallons of produced water and set the 7-5/8" treating packer at 9,350". Pump 7,000 gallons of 15% HCl acid with standard additives and flush the acid by squeezing into the perforations 8,000 gallons of produced water.
- 10. Swab test to determine rate, cut and fluid level. Swab until the pH is five or greater.
- 11. POOH with tubing, packer and tailpipe.
- 12. Discuss progress and results w/ OKC team before continuing onto stage 2 of this recompletion. Based on stage 1 response, the team may not want to continue with the procedure.
- 13. Pick up a 7-5/8" cup type RBP with ball catcher (for 200 balls) and a 7-5/8" treating packer. TIH, set plug at ~9,300'. Set the packer at ~9,250' and test the plug to 3,500 psi. POOH with the packer.
- 14. Rig up wireline with a full lubricator and grease for pressure control. Perforate LGR 8,764'-9,213' overall in 5 intervals with 4-1/2" HSC guns as per perforation detail for stage 2. Correlate depths to Schlumberger's CBL dated 3-29-86. Monitor the fluid level and pressure while perforating.
- 15. TIH with 2-7/8" tubing and a 7-5/8" treating packer for 29.7#/ft casing and set at 8,700'.
- 16. Swab test the interval prior to acidizing to determine the rate, oil cut and fluid level. Catch an oil sample for compatibility testing with the acid.
- 17. Acidize the interval with 5,000 gals of 15% HCl with standard additives and 150 7/8", 1.3 SG ball sealers for diversion. Treat at 8-10 BPM limiting the pressure not to exceed 10,000 psi differential across the plug at 11,250'. Use the fluid level from step 4 to determine the static pressure below the plug.

- 18. Swab test to determine rate, cut and fluid level. Swab until the pH is five or greater.
- 19. Release packer and POOH. TIH with tubing and retrieve the plug, POOH with plug.
- 20. Run production equipment. Final rod design and pump size will be based on the swab rates.

PERFORATION DETAIL ATTACHED SEPARATELY

DEVON ENERGY PRODUCTION COMPANY HATCH 2-3B1 STAGE 1 PROPOSED ADDITIONAL WASATCH PERFORATIONS.

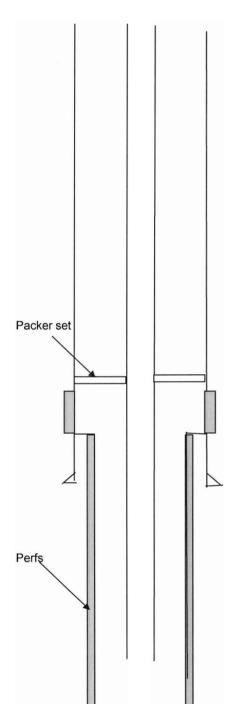
ALL PERFS in 5-1/2" Liner.

Top of	Base of	NET	SPF	Holes	
Interval	Interval				
10620	10650	30	4	120	3-1/8" HSC
10720	10725	5	4	20	3-1/8" HSC
11068	11072	4	4	16	3-1/8" HSC
11120	11125	5	4	20	3-1/8" HSC
11256	11266	10	4	40	3-1/8" HSC
11368	11373	5	4	20	3-1/8" HSC

Net Feet of New Perfs:	59
Number of Total New Intervals :	6
Number of New Holes:	236

Depth Reference: SLB's Cement Bond Log dated 3/29/1986

Total Acid Vol: 7,000 gals



ACID PROCEDURE:

- -Establish circulation with produced water.
- -Pump 5,000 gallons of 15% HCl acid.
- -Shutdown- Set packer
- -Pump 2,000 gallons of 15% HCl acid.
- -Displace acid & overflush with 7,000 gallons produced water.
- -Swab test well.

Wellbore data:

End of Int Casing: 10315 ft Liner top @: 9948 ft PBTD: 12480 ft

Perforations data:

Top (existing): 9398 ft
Btm (existing): 12441 ft (Bottom open perf)
Top (new): 10620 ft

Top (new): 10620 π
Btm (new): 11373 ft

Tubing data:

End of tubing: 12410 ft
Packer depth: 9350 ft
Tubing below pkr: 3060 ft

Capacities (bbl/ft)

Annulus of tbg-intermediateAnnulus of tbg&linerTubing
O.0379 bbls/ft

0.0379 bbls/ft

0.59 gal/ft

0.59 gal/ft

0.24 gal/ft

Volume Calculations (bbls & gals)

Annulus of tbg-intermediateAnnulus of tbg&linerTubingTotal volume to packer
22.7 bbls
952 gals
1458 gals
3023 gals
5433 gals

Total volume in well- 483.7 bbls 20316 gals

DEVON ENERGY PRODUCTION COMPANY HATCH 2-3B1 STAGE 2 PROPOSED LOWER GREEN RIVER PERFORATIONS.

ALL PERFS in 7-5/8" Casing

RBP TO BE SET @ ~9,300'.

Top of	Base of	NET	SPF	Holes	
Interval	Interval				
8764	8770	6	4	24	4-1/2" HSC
8826	8836	10	4	40	4-1/2" HSC
8891	8900	9	4	36	4-1/2" HSC
9166	9173	7	4	28	4-1/2" HSC
9208	9213	5	4	20	4-1/2" HSC

Net Feet of New Perfs:		37
Number of Total New Inter	5	
Number of New Holes:	148	

Depth Reference: SLB's Cement Bond Log dated 3/29/1986

	STATE OF UTAH		FORM 9			
	DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MININ	NG	5.LEASE DESIGNATION AND SERIAL NUMBER: FEE			
	RY NOTICES AND REPORTS O		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:			
	o not use this form for proposals to drill new wells, significantly deepen existing wells below current ottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO RILL form for such proposals.					
1. TYPE OF WELL Oil Well			8. WELL NAME and NUMBER: HATCH 2-3B1			
2. NAME OF OPERATOR: DEVON ENERGY PROD CO LP			9. API NUMBER: 43013311470000			
3. ADDRESS OF OPERATOR: P.O. Box 290 8345 North 512	5 West, Neola, UT, 84053 40	PHONE NUMBER: 05 552-7883 Ext	9. FIELD and POOL or WILDCAT: BLUEBELL			
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1588 FNL 1544 FWL	TO DANCE MEDIDYAN.		COUNTY: DUCHESNE			
QTR/QTR, SECTION, TOWNSHI Qtr/Qtr: SENW Section: 03	Township: 02.0S Range: 01.0W Meridian: U		STATE: UTAH			
11. CHE	CK APPROPRIATE BOXES TO INDICATE	NATURE OF NOTICE, REPORT,	OR OTHER DATA			
TYPE OF SUBMISSION		TYPE OF ACTION				
	✓ ACIDIZE	ALTER CASING	CASING REPAIR			
NOTICE OF INTENT Approximate date work will start:	☐ CHANGE TO PREVIOUS PLANS	CHANGE TUBING	☐ CHANGE WELL NAME			
Approximate date work will start.	☐ CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE			
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN	FRACTURE TREAT	☐ NEW CONSTRUCTION			
4/21/2010	OPERATOR CHANGE	PLUG AND ABANDON	☐ PLUG BACK			
SPUD REPORT	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION			
Date of Spud:	✓ REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON			
	☐ TUBING REPAIR	VENT OR FLARE	WATER DISPOSAL			
DRILLING REPORT Report Date:	☐ WATER SHUTOFF	SI TA STATUS EXTENSION	APD EXTENSION			
	☐ WILDCAT WELL DETERMINATION ☐	OTHER	OTHER:			
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. Subsequent report for Notice of Intent dated 4/8/2010 and approved on 4/8/2010. Cleanout fill to 12435'. Perforate Wasatch 10620 to 11373', 59', 6Accepted by the intervals, 236 holes. Set pkr @ 9343', test. Acidized Lower Green River & Utah Division of Wasatch perforations 9398 - 11373' w/ 7000 gals 15% HCL acid w/ standadil, Gas and Mining additives. Swab test. Release and LD pkr @ 9343'. Return to production RECORD ONLY Lower Green River perforations 9398 - 9824' and Wasatch perforations 9856 - 12426'. Attachment: well chronology.						
NAME (PLEASE PRINT) Deanna Bell	PHONE NUMBER 435 353-5780	TITLE Senior Field Technician				
SIGNATURE	.55 57.55	DATE				
N/A		6/2/2010				



BBA HATCH 2-3B1

devon	OH - Property #: 063028-001										
Well Chronology											
ROCKY MOUNTAIN	County DUCHESNE	E		Field Name BLUEBELL		Proje	ect Group			State/Provinc	е
Surface Legal Location	API/L	JWI	Lat	itude (DMS)	Longitude (I	DMS)	Ground E	lev KB - 0		Orig KB Elev (ft)	
3-2-S 1-W-6 Job Category	430	01331 147		0° 20' 28.86" S	110° 59'	10.86" E	,	.00 2 condary Job	7.50 Type	5,216.50	0.00
RECOMPLETION		COMF						DD PAY	1,700		
Job Start Date	Job E	End Date		_	AFE Number	454	440		Total AF	E + Sup Amoun	
3/23/2010 06:00 Contractor, Rig Name				Rig Number	_	154 Rig 1				34	9,250
STONE WELL SERVICE LLC			ľ	8				PU-ONSH	ORE		
Job Phase		Act Dur (days)		PI Cum Days ML (days)	Actual Phas	e Cost	Planned L	ikely Phas	e Cost	Cost Var ML
Domost # d											
Report # 1 Report Start Date	Report End Da	te		Daily Cost		C	ım Cost To E	Date		Depth End	(fiKB)
3/23/2010 06:00	1	4/2010 06:00		1	405			5,405			0.0
700 START RIG AND RIG UP I BBL ABOUT 1/2 WAY OUT PO AND TO 2 3/8" TBG ND WELLI STINGER OPEN CSG TO TRE 630 TO 700 CREW TRAVEL - 2	OH WITH RI HEAD NU BO EATOR SWIF	EST OF RODS / OPS RU FLOOR	AND	LD PUMP PUM	/IP 20 BBL	DOWN (CSG AND	BLEED (OFF CS	G CHANGE	OVER TO TBG
Report # 2											140140
Report Start Date 3/24/2010 06:00	Report End Da	te 5/2010 06:00		Daily Cost	155	Ci	ım Cost To E	10.560		Depth End	0.0
DEVON SAFETY MEETING 200 BLEED DOWN CSG POOF COLLAR OLD PSN AND 2 7/8' TOP OF #20 RIH WITH 109 JN 700 TO 730 CREW TRAVEL - 2	' TBG HYDF TS EOT @ 3	ROTESTING TO	900	# COLLAR LE	AK BETW	/EEN JN					
Report # 3											
Report Start Date 3/25/2010 06:00	Report End Dat	te 6/2010 06:00		Daily Cost	,712	Cı	ım Cost To D	ate 24,272		Depth End	0.0
Time Log Summary	312	0/2010 00.00		13	,7 12			24,212			0.0
630 TO 700 CREW TRAVEL S/ TALLY AND TEST TBG IN HOI FISH AND POOH WITH TBG I BIT SUB PSN AND 153 JNTS 2 530 TO 600 C TRAVEL - 24 Report # 4 Report Start Date 3/26/2010 06:00 Time Log Summary 630 TO 700 CREW TRAVEL S/ SICP AND SITP SMALL BLOW AND TANK STRIP ON WASHIN WITH 200 BBL RU SWIVEL O	Report End Dai 3/2* AFETY MEE' RIH WITH NGTON HEA N JNT # 35 F	0811' AND RIG FISH (1 PERFO OT @ 4763' AN te 7/2010 06:00 TING TOPIC RI 169 JNTS AND D RAISE FLOORUN IN TO 1097	DOV DRAT D SV UNIN TAG R TC '2' At	VN 4 STAR TAL TED JNT AND 1 VIFN Daily Cost 11 G TBG USING: LINER TOP @ NGS START F ND CIRCULATE	JNT 2 7/8" "327 SWIVEL 9948' FELL PUMPING I OUT OIL	U 4 JNTS ' TBG W	G 2 7/8" TI TH COLL Im Cost To E	Date 35,599 H WITH 3 WITH RE	JNTS S	P @ 10908' LUG) RIH Depth End SPOT IN ANTEG IN DER	SCREW ONTO WITH 4 5/8" BIT (fikb) 0.0 ND RIG UP PUMP RICK FILLED CSG (#2 SWIVEL UP
ON JNT # 355 TAG HARD @ 1 WITH 40 JNTS 2 7/8" TBG EOT 730 TO 800 CREW TRAVEL - 2 Report # 5 Report Start Date 3/29/2010 06:00	Г @ 9761' DF 24 Report End Dar	RAIN PUMP FIX	S: NIP	PLE ON PUMP	AND GET SWIFN		' CIRCUL		TOMS (JP RD SWIN	
3/29/2010 05:00 Time Log Summary	3/3	0/2010 00:00		١,	022			42,421			0.0
630 TO 700 CREW TRAVEL S/ SICP ON A SUCK SITP ON A S RU SWIVEL ON A 10' TBG SU ON JNT # 356 GETING BACK / WITH 41 JNTS 2 7/8" TBG DR 700 TO 730 CREW TRAVEL - 2	SUCK RIG U B FILL HOLI ALL SCALE I AIN PUMP S	JP PUMP LINES E WITH 305 BB DRILLING SLOV	ANE	START PUMP ID START DRIL	ING DOWI LING GET	TING BA	CK LOTS	OF IRON	I AND S	CALE MAK	E A CONNECTION

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BBA HATCH 2-3B1

OH - Property #: 063028-001

Well Chronology

District ROCKY MOUNTAIN	County DUCHESNE	Field Name BLUEBELL		ect Group NTA	State/Province UT	
Surface Legal Location 3-2-S 1-W-6	API/UWI 4301331147	Latitude (DMS) 40° 20' 28.86" S	Longitude (DMS) 110° 59' 10.86" E	Ground Elev KB - GL (ft) 5,189.00 27.50	Orig KB Elev (ft) TH Elev (f 5,216.50	t) 0.00
Report # 6						
Report Start Date 3/30/2010 06:00	Report End Date 3/31/2010 06:00	Daily Cost 5,	582	um Cost To Date 48,003	Depth End (ftKB) 0.0	

Time Log Summary 630 TO 700 CREW TRAVEL SAFETY MEETING TOPIC DRILLING

RIG UP PUMP AND START PUMPING DOWN CSG FILLED WITH 300 BBL RIH WITH 40 JNTS RIG UP SWIVEL ON JNT # 41 GET CIRCULATION AND TAG # 11030' AND START DRILLING HARD @ 11032' ON IRON FALL THROUGH TO 11035' SWIVEL UP ON JNT # 357 GO TO 11067' CIRCULATE BOTTOMS UP LOTS OF GAS AND YELLOW OIL PUMP 30 BBL DOWN TBG TO KILL TBG RD SWIVEL AND POOH WITH 42 JNTS 2 7/8" TBG EOT 9739' DRAIN PUMP AND SWIFN

530 TO 600 CREW TRAVEL - 24

Report # 7				
Report Start Date	Report End Date	Daily Cost	Cum Cost To Date	Depth End (ftKB)
3/31/2010 06:00	4/1/2010 06:00	4,928	52,931	0.0
Time I as Ourses				

630 TO 700 CREW TRAVEL SAFETY MEETING TOPIC PULLING AND RUNING TBG SICP 50 # SITP ON A SUCK

BLEED DOWN CSG TIE BACK AND POOH WITH 315 JNTS 2 7/8" TBG LD BIT HEAT FLAT TANK AND TRANSFER 30 BBL OIL TO TANK # 2 PU NEW BIT AND RIH WITH 317 JNTS 2 7/8" TBG TIE BACK TAG LINER TOP @ 9948' RIH WITH 40 JNTS AND PU 6 JNTS TAG @ 11245' LD 1 JNT AND POOH WITH 46 JNTS EOT @ 9793' WITH 316 JNTS IN HOLE SWIFN

300 TO 330 CREW TRAVEL - 24

Report # 8				
Report Start Date	Report End Date	Daily Cost	Cum Cost To Date	Depth End (ftKB)
4/1/2010 06:00	4/2/2010 06:00	6,998	59,929	0.0

630 TO 700 CREW TRAVEL SAFETY MEETING TOPIC PUMPING WITH PRESSURE SICP TREATOR PRESSURE SITP 100 # BLEED DOWN WELL RU PUMP AND FILL CSG WILE RIH WITH 46 JNTS 2 7/8" TBG RU SWIVEL ON JNT 363 GET CIRCULATION WITH 225 BBL TOOK 175 TO FILL CSG ROLL HOLE TILL OIL AND GAS OUT AND START DRILLING @ 11245' GETING BACK LARGE CHUNCKS OF IRON KEEP PLUGING OFF LINES FELL THROUGH @ 11252 SWIVEL UP ON 7 JNTS AND TAG UP AGAIN @ 11446' GETING BACK BROWN SCAIL DRILL TO 11480' CIRCULATE BOTTOMS UP RIG DOWN SWIVEL AND POOH WITH 54 JNTS 2 7/8" TBG EOT @ 9795' WITH 316 JNTS IN HOLE DRAIN PUMP AND LINES SWIFN 700 TO 30 CREW TRAVEL

NEW WASHINGTON RUBBER - 24

Report # 9				
Report Start Date	Report End Date	Daily Cost	Cum Cost To Date	Depth End (ftKB)
4/5/2010 06:00	4/6/2010 06:00	9,169	69,098	0.0
Time Log Summary	-			

630 TO 700 CREW TRAVEL SAFETY MEETING TOPIC PU TBG ON SWIVEL SICP TREATOR PRESSURE SITP 100 # BLEED DOWN WELL RIG UP PUMP AND START FILLING CSG WILE TRIPING IN HOLE WITH 54 JNTS FILL CSG WITH 155 BBL RIG UP SWIVEL ON JNT # 371 TAG@ 11480' GET CIRCULATION WITH 175 BBL TAG UP HARD @ 11499' GET BACK IRON AND SCAIL WORK TO 11511 KEPT PLUGING OFF SWIVEL UP ON JNT # 372 PU 7 JNTS ON SWIVEL GET TO 11765'SEEN NOTHING CIRCULATE BOTTOMS UP RD SWIVEL PU AND RIH WITH 10 JNTS AND TAG UP @ 12083' RU SWIVEL GET CIRCULATION AND RIH PICKING UP ON SWIVEL STACK OUT @ 12435' CIRCULATE BOTTOMS UP RIG DOWN SWIVEL AND POOH WITH 84 JNTS EOT @ 9792' DRAIN PUMP SWIFN 600 TO 630 CREW TRAVEL - 24

Report # 10				*
	Report End Date	Daily Cost	Cum Cost To Date	Depth End (ftKB)
4/6/2010 06:00	4/7/2010 06:00	6,677	75,775	0.0

Time Log Summary 630 TO 700 CREW TRAVEL SAFETY MEETING TOPIC PULLING AND RUNING TBG

SICP AND SITP BOTH ON A SUCK POOH WITH 316 JNTS 2 7/8" TBG LD 4 5/8 " BIT AND BIT SUB PU 6 3/4" BIT 7 5/8" SCRAPER BIT SUB AND RIH WITH 322 JNTS AND TAG LINER TOP @ 9948' HEAT AND TRANSFER 80 BBL OIL TO TANK # 2 POOH WITH 322 JNTS 2 7/8" TBG BIT SCRAPER AND BIT SUB SWIFN

500 TO 530 CREW TRAVEL - 24

Report # 11				
Report Start Date	Report End Date	Daily Cost	Cum Cost To Date	Depth End (ftKB)
4/7/2010 06:00	4/8/2010 06:00	5,402	81,177	0.0
Time Log Summary		,		

630 TO 700 CREW TRAVEL SAFETY MEETING TOPIC RUNING SCRAPER IN LINER

SICP TREATOR PRESSURE BLEED DOWN PU AND RIH WITH 4 5/8" BIT 5 1/2" SCRAPER BIT SUB AND 320 JNTS 2 7/8" TBG TIE BACK RIH WITH 80 JNTS AND TAG @ 12435' DIDNT SEE ANYTHING POOH WITH 80 JNTS TIE BACK POOH WITH 120 JNTS STEAM OFF RIG AND CLEAN UP CELLAR POOH WITH 200 JNTS LD BIT BITSUB AND SCRAPER RACK OUT SWIVEL SWIFN

530 TO 600 CREW TRAVEL - 24



BBA HATCH 2-3B1

OH - Property #: 063028-001

Well Chronology

District ROCKY MOUNTAIN	County DUCHESNE	Field Name BLUEBELL		roject Group JINTA	State/Province UT
Surface Legal Location 3-2-S 1-W-6	API/UWI 4301331147	Latitude (DMS) 40° 20' 28.86" S	Longitude (DMS) 110° 59' 10.86"	Ground Elev KB - GL (ft)	Orig KB Elev (ft) TH Elev (ft)
Report # 12					
Report Start Date 4/9/2010 06:00	Report End Date 4/10/2010 06:00	Daily 14,456		Cum Cost To Date 95,633	Depth End (ftKB) 0.0
Time Log Summany					

930 TO 1000 CREW TRAVEL SAFETY MEETING TOPIC PERFORATING

SICP TREATOR PRESSURE BLEED DOWN CSG RU PERFORATERS AND RUN 3 GUN RUNS AND PERFORATE 10620 TO 11373' WITH 236 HOLES RD PERFORATERS RIH WIT 1 JNT 2 7/8" TBG PSN 97 JNTS 2 7/8" TBG 7 5/8" PACKER AND 222 JNTS 2 7/8" TBG TIE BACK TAIL PIPE AT LINER TOP EOT @ 9920' SWIFN

530 TO 600 C TRAVEL - 24

Report # 13				
Report Start Date	Report End Date	Daily Cost	Cum Cost To Date	Depth End (ftKB)
4/12/2010 06:00	4/13/2010 06:00	7,050	102,683	0.0
TO 1 0				

630 TO 700 CREW TRAVEL SAFETY MEETING TOPIC SWABING SICP TREATOR PRESSURE SITP 100 # BLEED DOWN WELL RIH WITH 79 JNTS 2 7/8" TBG RIG UP PUMP AND FILL HOLE WITH 100 BBL AND ROLL OUT OIL AND GAS WITH 35 BBL SET PACKER @ 9343' WITH 20000 # COMPRESSION RU SWAB EQUIPMENT HOT OIL AT SURFACE FIRST 2 RUNS ALL OIL AND FIGHTING WAX MADE 24 RUNS RECOVERED 101 BBL TRANSFERED 25 BBL OIL TO TANK 2 AND 65 BBL WATER TO FRAC TANK RD SWAB EQUIPMENT DRAIN PUMP AND SWIFN 600 TO 630 CREW TRAVEL

ENDING FLUID LVL 6900' - 24

Report # 14					
Report Start Date	Report End Date	Daily Cost	Cum Cost To Date	Depth End (ftKB)	
4/13/2010 06:00	4/14/2010 06:00	4,132	106,815	0.0	
Time Log Summany					

630 TO 700 CREW TRAVEL SAFETY MEETING TOPIC CHECKING PRESSURES AND SWABING SITP 120 # RU LINES AND BLEED OFF TBG RU FLOW T AND SWAB EQUIPMENT TAG FLUID @ 4900' WITH FIRST RUN MADE 22 RUNS RECOVERED 98 BBL LAST FLUID LVL 8300' GOT BACK 1 % OIL RD SWAB EQUIPMENT DRAIN LINES SWIFN 400 TO 430 CREW TRAVEL - 24

Report # 15				
Report Start Date	Report End Date	Daily Cost	Cum Cost To Date	Depth End (ftKB)
4/14/2010 06:00	4/15/2010 06:00	16,343	123,158	0.0
Time Log Summary				

630 TO 700 CREW TRAVEL SAFETY MEETING TOPIC PUMPING ACID SITP 250 # RIG UP LINES AND BLEED OFF TBG RU HALABURTON AND RIG PUMP SAFETY MEETING WITH HALLIBURTON TEST LINES FILL TBG WITH 48 BBL 8200' FLUID LVL RELEASE PACKER AND SPOT ACID GOT BACK OIL OUT OF CSG RESET PACKER AND PUMP REST OF JOB CUT SAND LINE AND POUR NEW ROPE SOCKET. HEAT AND TRANSFOR, 45 BBL OIL RU SWAB EQUIPMENT AND SWAB FIRST RUN TAG FLUID @ 4200' RAISE TBG TWO TIMES WOULDNT SWAB RIGHT HAS 10000# COMPRESSION STILL ON PACKER MADE 7 RUNS AND CATSASSED SAND LINE DRAIN PUMP SWIFN 230 TO 300 CREW TRAVEL - 24

Report # 16				
Report Start Date	Report End Date	Daily Cost	Cum Cost To Date	Depth End (ftKB)
4/15/2010 06:00	4/16/2010 06:00	3,092	126,250	0.0

Time Log Summary 630 TO 730 DRIVE TO LOCATION AND BLEED DOWN TBG SITP 120 # AND WATE FOR SPLICER

1100 TO 1130 CREW TRAVEL STRATEN OUT CATASSES AND POOH WITH 4800' SAND LINE RD LUBE AND RIH WITH 4800' SAND LINE AND MAKE A SPLICE POOH WITH SANDLINE RU SWAB EQUIPMENT AND RD SWAB EQUIPMENT

300 RU PUMP AND PUMP 30 BBL DOWN TBG AND RELEASE PACKER CSG BLOWING PUMP 100 BBL DOWN CSG TO FILL AND ROLL WITH 30 BBL LD 2 JNTS AND POOH WITH 78 JNTS AND TIE BACK AND POOH WITH 80 JNTS DRAIN PUMP SWIFN EOT @ 7352' WITH 273 JNTS IN HOLE

700 TO 730 CREW TRAVEL - 24

Report # 17				
Report Start Date	Report End Date	Daily Cost	Cum Cost To Date	Depth End (ftKB)
4/19/2010 06:00	4/20/2010 06:00	5,987	132,237	0.0
Time Log Summary				

630 TO 700 CREW TRAVEL SAFETY MEETING TOPIC SETING ANCHORS AND RUNING TBG SITP AND SICP TREATOR PRESSURE BLEED DOWN WELL PU 1 JNT 2 7/8" TBG RD FLOOR TONGS ND BOPS TAC WOULDNT SET WORK AND TRY AGAIN STILL NO SET NU BOPS RU FLOOR POOH WITH 319 JNTS 2 7/8" TBG LD SHOE POOH WITH 51 JNTS LD TAC IT WAS LOCKED UP DIDNT WANT TO TURN TO SET HAD 90 STANDS FULL OF OIL SET UP PU NEW TAC AND RIH WITH SOLID PLUG 5 1/2" TAC 1 JNT 2 7/8" TBG 2 7/8" PERFORATED SUB 2 7/8" PSN 51 JNTS 2 7/8" TBG 7 5/8" CIRCULATION SHOE AND 139 JNTS 2 7/8" TBG RU HOTOILER AND FLUSH TBG WITH 35 BBL RIH WITH 80 JNTS 2 7/8" TBG AND FLUSH WITH 45 BBL EOT @ 8415' RD HOTOILER SWIFN 630 TO 700 CREW TRAVEL - 24

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devon

BBA HATCH 2-3B1 OH - Property #: 063028-001

WEST UNRESTRICTED

Well Chronology

District ROCKY MOUNTAIN	County DUCHESNE	Field Name BLUEBELL		ect Group	State/Province UT	
Surface Legal Location 3-2-S 1-W-6	4301331147	Latitude (DMS) 40° 20' 28.86" S	Longitude (DMS) 110° 59' 10.86" E	Ground Elev KB - GL (ft) 5,189.00 27.50	Orig KB Elev (ft) TH Elev (ft) 5,216.50 0.00	
Report # 18						
Report Start Date	Report End Date	Daily Cost	Cu	um Cost To Date	Depth End (ftKB)	
4/20/2010 06:00	4/21/2010 06:00	9,419		141,656	0.0	

630 TO 700 CREW TRAVEL SAFETY MEETING TOPIC NU AND ND BOPS SITP 150 # SICP TREATOR PRESSURE BLEED DOWN WELL RIH WITH 40 JNTS 2 7/8" TBG TO LT TIE BACK RIH WITH 60 JNTS 2 7/8" TBG RUN 3 STANDS SLOW TROUGH LINER TOP DIDNT SEE LINER TOP RD FLOOR ND BOPS SET TAC @11538.80' WITH 20000 # TENSION AND LAND TBG EQUIPMENT IN HOLE 7 5/8" SPLIT HANGER 319 JNTS 2 7/8" TBG 7 5/8 CIRCULATION SHOE @ 9901.31' 51 JNTS 2 7/8" TBG 2 7/8" PSN @ 11494.58' 2 7/8" PERFORATED SUB 1 JNT 2 7/8" TBG 5 1/2" TAC W/ CARBIDE SLIPS @ 11538.80' WITH 20000# TENSION COLLAR AND BULL PLUG EOT @ 11539.45'

NU BOPS RU FLOOR AND CHANGE OVER TO 2 3/8" TBG TIE BACK TALLY AND RIH W/ STINGER 189 JNTS 2 3/8" NULOCK TBG TALLY DRIFT AND PU 125 JNTS 2 3/8" NULOCK TBG RD FLOOR ND BOPS LAND TBG WITH 10000 # COMPRESSION USING 1 - 10' 1 - 8' 1 - 6' EUE TBG SUBS NU WELLHEAD SWIFN

700 TO 730 CREW TRAVEL - 24

 Report #19

 Report Start Date
 Report End Date
 Daily Cost
 Cum Cost To Date
 Depth End (flKB)

 4/21/2010 06:00
 4/22/2010 06:00
 7,913
 149,569
 0.0

630 TO 700 CREW TRAVEL SAFETY MEETING TOPIC RUNING RODS SITP 400# CSG TO TREATOR
PUMP 15 BBL DOWN TBG TO KILL DUMP 1/2 BAG PELLITS DOWN TBG AND FLUSH WITH 75 BBL RU AND STEAM OUT CELLAR AND RIG FROM OIL
RACK OUT BOPS X OVER TO RODS DUMP 10 GAL ROD CHEMICIAL PU AND PRIME PUMP AND RIH WITH 21' DIPE TUBE WITH SCREEN 2 1/2" X 1
3/4" X 28' PUMP 200 3/4" SLK RODS LAY DOWN 3 OLDER 3/4" RODS 128 7/8" SLK RODS TOP 9 NEW 128 1" RODS TOP 19 NEW 1 - 10' 8' 2' ROD
SUBS SEAT PUMP AND FILL WITH 30 BBL AND TEST TO 1000 RU UNIT AND PUT ON PRODUCTION TO WINDY TO RIG DOWN
330 SHUT DOWN WORK ON DISC ASSIST

30 MIN CREW TRAVEL - 24

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Division of Oil, Gas and Mining OPERATOR CHANGE WORKSHEET (for state use only)

ROUTING
CDW

X - Change of Operator (Well Sold)				Operator Name Change/Merger					
The operator of the well(s) listed below has changed, effective:				8/29/2014					
FROM: (Old Operator): DEVON ENERGY PRODUCTION COMPANY L 333 WEST SHERIDAN AVENUE	P. N	N1275		TO: (New Operator): LINN OPERATING INC N4115 1999 BROADWAY STE 3700					
OKLAHOMA CITY OK 73102-5015			DENVER CO		3700				
				303-999-4275					
CA No.				Unit:	N/A				
	SEC	TWN	N RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS	
See Attached List			<u> </u>		L		<u></u>		
OPERATOR CHANGES DOCUMENT. Enter date after each listed item is completed									
1. (R649-8-10) Sundry or legal documentation wa				-		9/16/2014	•		
2. (R649-8-10) Sundry or legal documentation wa				=		9/16/2014		10/0/0014	
3. The new company was checked on the Departs4a. Is the new operator registered in the State of U		oi Coi	mmerce	Business Numb	-	9031632-0143		10/8/2014	
5a. (R649-9-2)Waste Management Plan has been re		ed on:		Yes		7031032-0143	•		
5b. Inspections of LA PA state/fee well sites compl5c. Reports current for Production/Disposition & S				N/A 10/8/2014	- -				
6. Federal and Indian Lease Wells: The BL					merger, na	me change,			
or operator change for all wells listed on Federa	al or	Indian	leases o	on:	BLM	NOT YET	BIA	NOT YET	
7. Federal and Indian Units:	_								
The BLM or BIA has approved the successor		-				<u>N/A</u>	-		
8. Federal and Indian Communization Ag			•	•					
The BLM or BIA has approved the operator of					6 T	N/A			
9. Underground Injection Control ("UIC"			-	_			-		
Inject, for the enhanced/secondary recovery un DATA ENTRY:	ıı/pro	ојест то	or the w	ater disposai wei	ii(s) iistea o	n:	9/24/2014		
1. Changes entered in the Oil and Gas Database				10/8/2014	_				
 Changes have been entered on the Monthly Or Bond information entered in RBDMS on: 	erat	or Cha	ange Sp			10/8/2014	•		
3. Bond information entered in RBDMS on:4. Fee/State wells attached to bond in RBDMS on				10/8/2014 10/8/2014	•				
5. Injection Projects to new operator in RBDMS of				N/A	•				
6. Receipt of Acceptance of Drilling Procedures for	or Al	PD/Nev	w on:		-	10/8/2014	_		
7. Surface Agreement Sundry from NEW operator	on F	ee Sur	face we	lls received on:		9/16/2014	•		
BOND VERIFICATION:									
 Federal well(s) covered by Bond Number: Indian well(s) covered by Bond Number: 				NMB000501	•				
Indian well(s) covered by Bond Number:3a. (R649-3-1) The NEW operator of any state/fe	e wel	ll(s) lis	ted cov	NMB000501 ered by Bond Nu	umher	LPM9149893			
3b. The FORMER operator has requested a release					N/A	LI 1017147075			
LEASE INTEREST OWNER NOTIFIC			, nom t	den bond on.	11/11	-			
4. (R649-2-10) The NEW operator of the fee wells			ontacted	l and informed b	y a letter fro	om the Division			
of their responsibility to notify all interest owner					10/8/2014				
COMMENTS:									

Devon Energy Production Company, L.P. N1275 to Linn Operating, Inc N4115 Effective 8/29/2014

Well Name	Section	Township	Range AP		Entity	Mineral	Well	Well
				Number		Lease	Туре	Status
SWD 4-11A2	11	010S	020W	4301320255	99990	Fee	WD	A
VIRGIL MECHAM 1-11A2	11	010S	020W	4301330009	5760	Fee	WD	Α
1-3A2	3	010S	020W	4301330021	99990	Fee	WD	Α
BLUEBELL 2-28A2	28	010S	020W	4301330346	99990	Fee	WD	A
SALERATUS 2-17C5	17	030S	050W	4301330388	99990	Fee	WD	A
CENTRAL BLUEBELL 2-26A2	26	010S	020W	4301330389	99990	Fee	WD	A
BALLARD 2-15B1	15	020S	010W	4304732351	11476	Fee	WD	Α
GALLOWAY #3-14B2	14	020S	020W	4301351741		Fee	ow	APD
GALLOWAY #3-12B2	12	020S	020W	4301351742		Fee	OW	APD
GALLOWAY 4-14B2	14	020S	020W	4301351818		Fee	ow	APD
MORRIS #3-8B1	8	020S	010W	4301351836		State	ow	APD
FRITZ #3-24A2	24	010S	020W	4301351837		Fee	ow	APD
GALLOWAY #2-14B2	14	020S	020W	4301351739	19044	Fee	OW	DRL
EMERALD 2-32A1	32	010S	010W	4301350059	17980	Fee	ow	OPS
CLYDE MURRAY 1-2A2	2	010S	020W	4301330005	5876	Fee	ow	P
VICTOR C BROWN 1-4A2	4	010S	020W	4301330011	5780	Fee	ow	P
DOUG BROWN 2-4A2	4	010S	020W	4301330017	5840	Fee	ow	P
L BOREN U 3-15A2	15	010S	020W	4301330017	5755	Fee	ow	P
LAMICQ-URTY U 3-17A2	17	010S	020W	4301330099	5745	Fee	ow	P
L BOREN U 5-22A2	22	010S	020W	4301330099	5900	Fee	ow	P
L BOREN U 4-23A2	23	010S	020W	4301330107	5905	Fee	ow	P
TOMLINSON FED 1-25A2	25	010S	020W	4301330113	5535	Federal	OW	P
WOODWARD 1-21A2	21	010S	020W	4301330120	5665	Fee	OW	P
and the second s			020W		5400	Fee	GW	P
LAMICQ 1-20A2	20	0108		4301330133	+			P
L RBRTSN ST 1-1B2	1	0208	020W	4301330200	5410	State	OW	
SMITH ALBERT 1-8C5	8	030S	050W	4301330245	5490	Fee	OW	P
FRESTON ST 1-8B1	8	0208	010W	4301330294	5345	Fee	OW	P
GEORGE MURRAY 1-16B1	16	020S	010W	4301330297	5950	Fee	OW	P
LAMICQ-URTY U 4-5A2	5	010S	020W	4301330347	5845	Fee	OW	P
H G COLTHARP 1-15B1	15	020S	010W	4301330359	5945	Fee	OW	P
STATE 3-18A1	18	010S	010W	4301330369	5810	Fee	OW	P
LAMICQ 2-6B1	6	020S	010W	4301330809	2301	Fee	OW	P
DILLMAN 2-28A2	28	010S	020W	4301330821	5666	Fee	ow	P
HAMBLIN 2-26-A2	26	010S	020W	4301330903		Fee	ow	P
JOHN 2-3-B2	3	020S	020W	4301330975	5387	Fee	OW_	P
LAMICQ-ROBERTSON ST 2-1B2	1	020S	020W	4301330995	5412	Fee	OW	P
UTE TRIBAL 2-7A2	7	010S	020W	4301331009	5836	Indian	OW	P
HATCH 2-3B1	3	020S	010W	4301331147	10615	Fee	OW	P
NORLING 2-9B1	9	020S	010W	4301331151	10616	Fee	OW	P
SHAW 2-27A2	27	010S	020W	4301331184	10753	Fee	OW_	P
LAMICQ-URRITY 4-17A2	17	010S	020W	4301331190	10764	Fee	OW	P
LAMICQ 2-20A2	20	010S	020W	4301331191	10794	Fee	OW	P
FRESTON 2-8B1	8	020S	010W	4301331203	10851	Fee	OW	P
WISSE 3-35A2	35	010S	020W	4301331215	10925	Fee	OW	P
MECCA 2-8A2	8	010S	020W	4301331231	10981	Fee	ow	P
SWYKES 2-21A2	21	010S	020W	4301331235	10998	Fee	OW	P
SHERMAN 2-12B2	12	020S	020W	4301331238	11009	Fee	OW	P
DUNCAN 4-2A2	2	010S	020W	4301331276	11258	Fee	GW	P
HAMBLIN 3-9A2	9	010S	020W	4301331278	11094	Fee	GW	P
BAR-F 2-5B1	5	020S	010W	4301331286	11113	Fee	ow	P
SMITH 2-9C5	9	030S	050W	4301331200	11245	Fee	ow	P
LORANGER 2-24A2	24	010S	020W	4301331322	11244	Fee	ow	P
UTE 2-6B3	6	010S	030W	4301331325	11446	Indian	OW	P
	147	107.000	11 31 VV		11440	THERMAN	11 1 100	

Devon Energy Production Company, L.P. N1275 to Linn Operating, Inc N4115 Effective 8/29/2014

Well Name	Section	Township	Range A	P API	Entity	Mineral	Well	Well
		-		Number		Lease	Type	Status
SMITH 2-7C5	7	030S	050W	4301331327	11324	Indian	OW	P
SMITH 2-18C5	18	030S	050W	4301331328	11336	Indian	OW	P
UTE 2-24A3	24	010S	030W	4301331329	11339	Indian	OW	P
UTE 5-19A2	19	010S	020W	4301331330	11277	Indian	OW	P
EDWARDS 3-10B1	10	020S	010W	4301331332	11264	Fee	OW	P
SUNDANCE 4-15A2	15	010S	020W	4301331333	11269	Fee	ow	P
LORANGER 6-22A2	22	0108	020W	4301331334	11335	Fee	OW	P
COX 2-36A2	36	010S	020W	4301331335	11330	Fee	ow	P
SMITH 2-6C5	6	030S	050W	4301331338	11367	Indian	OW	P
FRESTON 2-7B1	7	020S	010W	4301331341	11338	Fee	OW	P
PEARSON 2-11B2	11	020S	020W	4301331356	11359	Fee	OW	P
CHAPMAN 2-4B2	4	020S	020W	4301331378	11485	Fee	ow	P
LAMB 2-16A2	16	010S	020W	4301331390	11487	Fee	OW	P
LABRUM 2-23A2	23	010S	020W	4301331393	11514	Fee	ow	P
POWELL 2-16B1	16	020S	010W	4301331820	12342	Fee	OW	P
BOWMAN 5-5A2	5	010S	020W	4301332202	13043	Fee	OW	P
BOREN 4-9A2	9	010S	020W	4301332203	13079	Fee	OW	P
BLANCHARD 3-10A2	10	010S	020W	4301332223	13149	Fee	OW	P
SQUIRES 3-8A2	8	010S	020W	4301332227	13176	Fee	OW	P
BROWN 3-4A2	4	010S	020W	4301332684	14673	Fee	OW	P
GALLOWAY 3-11B2	11	020S	020W	4301334304	18527	Fee	ow	P
OWL AND THE HAWK 3-9C5	9	030S	050W	4301351214	18649	Fee	OW	P
Bingham #3-4B1	4	020S	010W	4301351464	18825	Fee	ow	P
RED MOUNTAIN 3-5B1	5	020S	010W	4301351632	18954	Fee	OW	P
MECHAM #3-1B2	1	020S	020W	4301351844	19082	State	OW	P
MIKE AND SHELLEY #3-4B2	4	020S	020W	4301351845	19083	Fee	ow	P
RBRTSN UTE ST 1-12B1	12	020S	010W	4304730164	5475	Fee	OW	P
MAY UTE FED 1-13B1	13	020S	010W	4304730176	5435	Fee	OW	P
COOK 1-26B1	26	020S	010W	4304731981	11212	Fee	OW	P
CHRISTIANSEN 2-12B1	12	020S	010W	4304732178	11350	Fee	OW	P
RICH 2-13B1	13	020S	010W	4304732744	12046	Fee	OW	P
THOMAS 4-10B1	10	020S	010W	4304734080	13284	Fee	OW	P
HAMAKER 3-12B1	12	020S	010W	4304752294	18650	Fee	OW	P
BETTS 2-26B1	26	020S	010W	4304752435	18698	Fee	OW	P
STATE 1-10A2 (3-10C)	10	010S	020W		5860	State	GW	S
L BOREN U 6-16A2	16	010S	020W	4301330123	5750	Fee	ow	S
UTE TRIBAL 1-6B3	6	020S	030W	4301330136	5705	Indian	ow	S
MAUREL TAYLOR FEE 1-36A2	36	010S	020W	4301330143	5525	Fee	OW	S
CAMPBELL UTE ST 1-7B1	7	020S	010W	4301330236	5295	Indian	ow	S
D L GALLOWAY 1-14B2	14	020S	020W	4301330564	5965	Fee	OW	S
MARK 2-25A2	25	010S	020W	4301331232	10986	Fee	OW	S
MITCHELL 2-4B1	4	020S	010W	4301331317	11231	Fee	OW	S

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL, GAS AND MINING 5. LEASE DESIGNATION AND SERIAL NUMBER: See Attached Well List 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: SUNDRY NOTICES AND REPORTS ON WELLS 7. UNIT or CA AGREEMENT NAME: Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals. 8 WELL NAME and NUMBER TYPE OF WELL OTHER See Attached Well List GAS WELL OIL WELL See Attached Well List 2. NAME OF OPERATOR: API NUMBER: LINN OPERATING, INC PHONE NUMBER: 10. FIELD AND POOL, OR WILDCAT: 3. ADDRESS OF OPERATOR ZIP 80202 Denver 1999 Broadway, Suite 3700 STATE CO (303) 999-4275 Bluebell/Altamont 4. LOCATION OF WELL COUNTY: Duchsene/Uintah FOOTAGES AT SURFACE: QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: STATE: UTAH CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA 11. TYPE OF SUBMISSION TYPE OF ACTION ACIDIZE DEEPEN REPERFORATE CURRENT FORMATION 1 NOTICE OF INTENT (Submit in Duplicate) ALTER CASING FRACTURE TREAT SIDETRACK TO REPAIR WELL Approximate date work will start: CASING REPAIR **NEW CONSTRUCTION** TEMPORARILY ABANDON OPERATOR CHANGE CHANGE TO PREVIOUS PLANS TUBING REPAIR CHANGE TUBING PLUG AND ABANDON VENT OR FLARE SUBSEQUENT REPORT CHANGE WELL NAME PLUG BACK WATER DISPOSAL (Submit Original Form Only) CHANGE WELL STATUS PRODUCTION (START/RESUME) WATER SHUT-OFF Date of work completion: COMMINGLE PRODUCING FORMATIONS OTHER: CHANGE OF RECLAMATION OF WELL SITE **OPERATOR** CONVERT WELL TYPE RECOMPLETE - DIFFERENT FORMATION 12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. Effective 08/29/2014, Change of Operator from Devon Energy Production Company, LP, to Linn Operating, Inc. is responsible under the terms and conditions of the leases for operations conducted on the leased lands or a portion thereof under their blanket state bond number LPM9149893. Attached is a list of wells that are associated with this Change of Operator. Devon Energy Production Company, LP N1375 333 West Sheridan Avenue Oklahoma City, OK 73102-5015 John D Raines SEP 16 2014 Vice President DIV OF OIL GAS & MINING Russell des Cognets II Asset Manager NAME (PLEASE PRINT) 9/8/14 SIGNATURE (This space for State us

OCT 08 2014

DIV. OIL GAS & MINING

(See Instructions on Reverse Side)

OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE	
OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE	
OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE	
OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE	
OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE	
OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE	
OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE	
OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE	
OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE	
OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE	
OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE	
OIL	INDIAN	BLUEBELL ALTAMONT	UT	DUCHESNE	
OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE	
OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE	
OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE	
OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE	
OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE	
OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE	
OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE	
OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE	
OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE	
OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE	
OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE	
OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE	

Field

BLUEBELL ALTAMONT

BLUEBELL ALTAMONT

BLUEBELL ALTAMONT

State

UT

County

DUCHESNE

DUCHESNE

DUCHESNE

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DUCHESNE

Devon Energy Production Company, LP Exisiting Well List for State/Fee/Indian Leases

Lease Type

FEE

STATE

Well Type

OIL

Producing Status

Producing

Producing

Producing

Producing

Producing

Producing

Producing

Producing

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API#

430133128600

430135146400

430133222300

430133003500

430133119200

430133008600

430133011500

430133220300

430133010700

430133012300

430133220200

430133001700

430133001100

430133268400

430133023600

430133137800

430133000500

430133035900 430133129900

430133133500

430133082100

430133127600

430133133200

430133029400

430133134100

430133120300

430133056400

430133430400

430133090300

430133127800

430133114700

430133097500

430133139300

430133139000

430133020000

Well Name

BAR F 2-5B1

BINGHAM 3-4B1

*BOREN 1-14A2-

BOREN 3-11A2

BOREN 3-15A2

BOREN 4-23A2

BOREN 4-9A2

BOREN 5-22A2

BOREN 6-16A2

BROWN 3-4A2

CHAPMAN 2-4B2

COLTHARP 1-15B1

DILLMAN 2-28A2

EDWARDS 3-10B1

FRESTON STATE 1-8B1

DUNCAN 4-2A2

FRESTON 2-7B1

FRESTON 2-8B1

GALLOWAY 1-14B2

GALLOWAY 3-11B2

HAMBLIN 2-26A2

HAMBLIN 3-9A2

LABRUM 2-23A2

LAMICQ ROBERTSON 1-1B2

HATCH 2-3B1

LAMB 2 16A2

JOHN 2-3B2

COX 2-36A2

BOWMAN 5-5A2

BROWN DOUG 2-4A2

BROWN VICTOR C 1-4A2

CAMPBELL UTE ST 1-7B1

CLYDE MURRAY 1-2A2

CORNABY 2-14A2 (RECOMP)

BLANCHARD 3-10A2

Legal Location

005-002S-001W

004-002S-001W

010-001S-002W

014-001S-002W

011-001S-002W

015-001S-002W

023-001S-002W

009-001S-002W

022-001S-002W

016-001S-002W

005-001S-002W

004-001S-002W

004-001S-002W

004-001S-002W

007-002S-001W

004-002S-002W

002-001S-002W

015-002S-001W

014-001S-002W

036-001S-002W

028-001S-002W

002-001S-002W

010-002S-001W

008-002S-001W

007-002S-001W

008-002S-001W

014-002S-002W

011-002S-002W

026-001S-002W

009-001S-002W

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023-001S-002W

016-001S-002W

001-002S-002W

GAS & MINING 2014 SEP

RECEIVED

SWYKES 2 21A2	430133123500	021-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
TAYLOR MAUREL FEE 1-36A2	430133014300	036-001S-002W	Shut-In	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
TOMLINSON 1 25A2	430133012000	025-001S-002W	Producing	OIL	INDIAN	BLUEBELL ALTAMONT	UT	DUCHESNE
UTE TRIBAL 2-7A2	430133100900	007-001S-002W	Producing	OIL	INDIAN	BLUEBELL ALTAMONT	UT	DUCHESNE
UTE TRIBAL 5-19A2	430133133000	019-001S-002W	Producing	OIL	INDIAN	BLUEBELL ALTAMONT	UT	DUCHESNE
UTE 1-6B3	430133013600	006-002S-003W	Shut-In	OIL	INDIAN	BLUEBELL ALTAMONT	UT	DUCHESNE
UTE 2-24A3	430133132900	024-001S-003W	Producing	OIL	INDIAN	BLUEBELL ALTAMONT	UT	DUCHESNE
UTE 2-6B3	430133132500	006-002S-003W	Producing	OIL	INDIAN	BLUEBELL ALTAMONT	UT	DUCHESNE
WISSE 3-35A2	430133121500	035-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
WOODWARD 1-21A2	430133013000	021-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
BALLARD 2-15B1 SWD	430473235100	015-002S-001W	Injecting	SWD	FEE	BLUEBELL ALTAMONT	UT	UINTAH
BETTS 2-26B1	430475243500	26-2S-1W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	UINTAH
CHRISTENSEN 2-12B1	430473217800	012-002S-001W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	UINTAH
COOK 1-26B1	430473198100	026-002S-001W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	UINTAH
HAMAKER 3-12B1	430475229400	12-2S-1W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	UINTAH
MAY UTE FED 1-13B1	430473017600	013-002S-001W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	UINTAH
RICH 2-13B1	430473274400	013-002S-001W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	UINTAH
ROBERTSON UTE STATE 1-12B1	430473016400	012-002S-001W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	UINTAH
THOMAS 4-10B1	430473408000	010-002S-001W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	UINTAH

RECEIVED

SEP **16** 2014

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES

	 ~

	DIVISION OF OIL, GAS AND	MINING	5. LEASE DESIGNATION AND SERIAL NUMBER: See Attached Well List
SUNDR	Y NOTICES AND REPOR	RTS ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
Do not use this form for proposals to drill drilf horizontal	I new wells, significantly deepen existing wells belo laterals. Use APPLICATION FOR PERMIT TO DR	w current bottom-hole depth, reenter plugged wells, or to RILL form for such proposals.	7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL OIL WELL	GAS WELL OTHE	See Attached Well List	8. WELL NAME and NUMBER: See Attached Well List
2. NAME OF OPERATOR:			9. API NUMBER:
LINN OPERATING, INC		PHONE NUMBER:	10. FIELD AND POOL, OR WILDCAT:
1999 Broadway, Suite 3700	TY Denver STATE CO		Bluebell/Altamont
LOCATION OF WELL FOOTAGES AT SURFACE:			COUNTY: Duchsene
QTR/QTR, SECTION, TOWNSHIP, RA	NGE, MERIDIAN:	1 10000 100	STATE: UTAH
CHECK APP	PROPRIATE BOXES TO INDIC	CATE NATURE OF NOTICE, REPO	ORT, OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion:	ACIDIZE ALTER CASING CASING REPAIR CHANGE TO PREVIOUS PLANS CHANGE TUBING CHANGE WELL NAME CHANGE WELL STATUS COMMINGLE PRODUCING FORMATIC	DEEPEN FRACTURE TREAT NEW CONSTRUCTION OPERATOR CHANGE PLUG AND ABANDON PLUG BACK PRODUCTION (START/RESUME) ONS RECLAMATION OF WELL SITE RECOMPLETE - DIFFERENT FORMATION	REPERFORATE CURRENT FORMATION SIDETRACK TO REPAIR WELL TEMPORARILY ABANDON TUBING REPAIR VENT OR FLARE WATER DISPOSAL WATER SHUT-OFF OTHER: CHANGE OF OPERATOR
2 DESCRIBE PROPOSED OR C	COMPLETED OPERATIONS. Clearly show	all pertinent details including dates, depths, volur	mes, etc.
under the terms and cond blanket state bond numb Attached is a list of Applia Devon Energy Production 333 West Sheridan Aven Oklahoma City, OK 7310	ditions of the leases for operati er LPM9149893 . cations for Permit to Drill (APD n Company, LP ue	Energy Production Company, LP, to ons conducted on the leased lands) that are associated with this Chan	or a portion thereof under their
Vice President Name (PLEASE PRINT) Russell d	es Cognets II	TITLE Asset Manager	

OCT 0 8 2014

(See Instructions on Reverse Side)

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(5/2000)

DIV. OF OIL, GAS & MINING

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL, GAS AND MINING	5 LEASE DESIGNATION AND SERIAL NUMBER:
SUNDRY NOTICES AND REPORTS ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL OIL WELL OIL GAS WELL OTHER	8. WELL NAME and NUMBER: MISC.
2. NAME OF OPERATOR:	9. API NUMBER:
LINN OPERATING, INC. 3. ADDRESS OF OPERATOR: IPHONE NUMBER:	40 37/2 00/2 00/2 00/2
1999 Broadway, Ste #3700 GHY Denver STATE CO AR 80202 (303) 999-4016	10. FIELD AND POOL, OR WILDCAT: Bluebell
4. LOCATION OF WELL FOOTAGES AT SURFACE:	COUNTY: UINTAH
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: 14 1S 2W	STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPO	RT, OR OTHER DATA
TYPE OF SUBMISSION TYPE OF ACTION	
NOTICE OF INTENT	REPERFORATE CURRENT FORMATION
(Submit in Duplicate) ALTER CASING FRACTURE TREAT	SIDETRACK TO REPAIR WELL
Approximate date work will start: CASING REPAIR NEW CONSTRUCTION	TEMPORARILY ABANDON
CHANGE TO PREVIOUS PLANS OPERATOR CHANGE	U TUBING REPAIR
CHANGE TUBING PLUG AND ABANDON SUBSEQUENT REPORT CHANGE WELL NAME PLUG BACK	VENT OR FLARE
(Submit Original Form Only)	WATER DISPOSAL
Date of work completion: CHANGE WELL STATUS PRODUCTION (START/RESUME) PRODUCTION (START/RESUME)	WATER SHUT-OFF
COMMINGLE PRODUCING FORMATIONS RECLAMATION OF WELL SITE CONVERT WELL TYPE RECOMPLETE - DIFFERENT FORMATION	OTHER: Excluded wells from Change of Operator
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volume	
Do not process Change of Operator from Devon Energy Production Company, LP to LINN (wells.	
43-013-31192 BOREN 3-11A2 Oil Well Producing BLUEBELL DUCH 43-013-51846 MIKE AND SHELLEY #4-14A2 Oil Well Approved permit (APD) BLUEI 43-013-31299 CORNABY 2-14A2 Oil Well Producing BLUEBELL DUCH 43-013-30035 FLY/DIA L BOREN 1-14A2 Oil Well Shut-In BLUEBELL DUCHES	BELL DUCHESNE 1S-2W Sec14 IESNE 1S-2W Sec 14
The Devon transaction to Linn Energy allowed EP Energy to exercise their preferential right Sections 11 amd 14 of T1S, 2W so EP Energy now owns these wells.	to purchase the leases and wells in
NAME (PLEASE PRINT) Debbie Chan Reg. Compliance	Supervisor
SIGNATURE	
This space for State use only)	

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